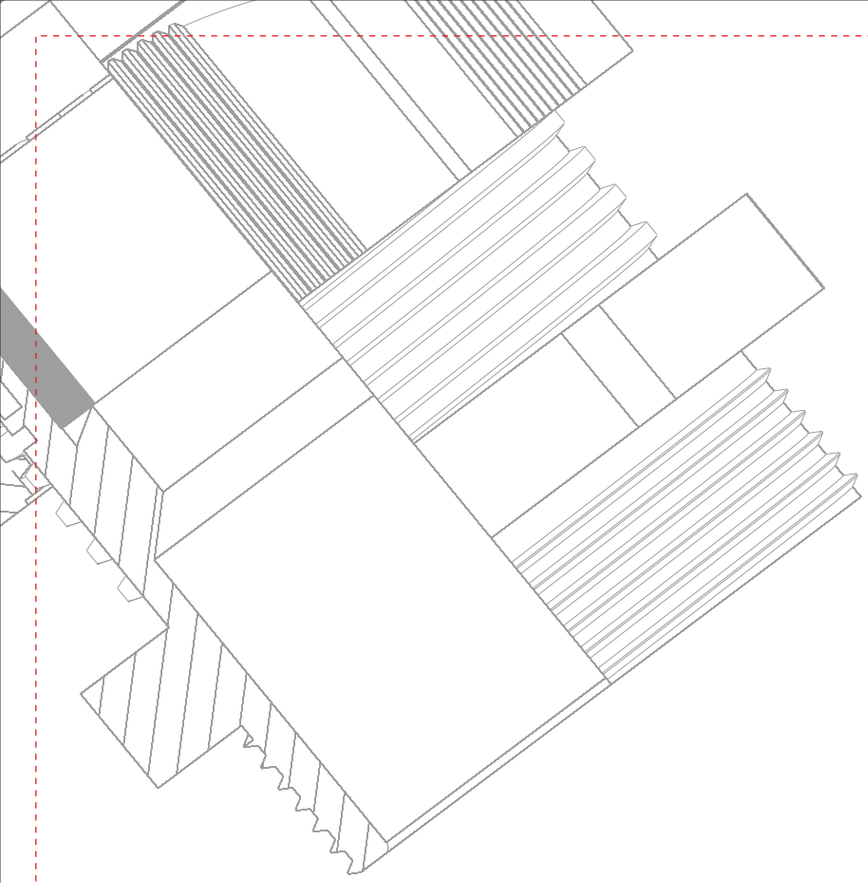


CATALOGUE 2017-2018



Establish Safety Connection...

ORTAC®

since 1969



ORTAC®

Plastic Cable Glands & Accessories



ORTAC®

Metal Cable Glands & Accessories



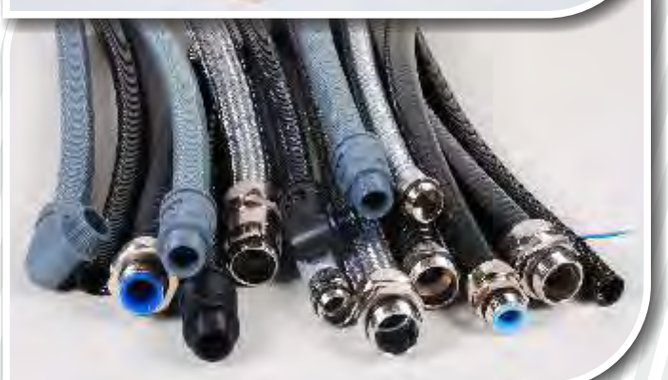
ORvent

Ventilation Elements



ORTAC®

Industrial & Ex-proof Glands & Accs.



tacflex

Protective Plastic & Metal
Spiral Conduits & Accs.

ORTAC®
since 1969

Company Profile

The company was founded in 1969 by Mr. ORTAC who is the first industrially produced injection machine tools in Turkey.
Today Ortac produces plastic & metal cable glands and protective spiral conduits with accessories for different industries and markets: mechanical and system engineering, the automotive industry, railways, electrical and installations engineering, hazardous areas, lighting industry and more.
Ortac products are primarily designed, moulding and produced in the Ortac's own production plants in Istanbul.
We currently supply hundreds of standard items from stock. We also develop and produce customer oriented products as based on special requirements.
Ortac has more than 50 representative companies in different part of the world, 15 injection machines, 8 cnc and other metal processing machines, tooling R&D and quality department employ over 80 people.



Firma kurucumuz Mehmet Ortaç
1980'den bir kare...
Mehmet Ortac who is the founder of the company
The picture was taken in 1980...



CNC torna tezgahı
CNC Lathe

Firma Profili

Firmamız 1969 yılında Türkiye de ilk endüstriyel enjeksiyon makine kalıplarını üretenlerden biri olan Mehmet Ortac tarafından kurulmuştur.
Bugün Ortac farklı sanayiler ve pazarlar için plastik, metal kablo rakorları ve spiral boru ve aksesuarları üretip mekanik, sistem mühendisliği, otomotiv sanayi, raylı sistemler, elektrik ve tesisat mühendisliği, tehlikeli alanlar, aydınlatma endüstrisi ve daha fazla alanlara hizmet eder.
Tüm Ortac ürünleri firmanın istanbuldaki kendi üretim tesislerinde dizayn edilir, kalıplanır ve üretimi yapılır.
Ortac firması ve ürünleri şuan itibariyle dünyanın farklı noktalarında 50'den fazla firma tarafından temsil edilmektedir. 15 enjeksiyon makinesi, 8 cnc ve diğer metal işleme makineleri, kalıphane, arge ve kalite departmanları ile 80'den fazla kişiye istihdam sağlamaktadır.



Enjeksiyon Makineleri
Injection Machines



Corrugated boru makinesi
Corrugated conduit machines

INDEX

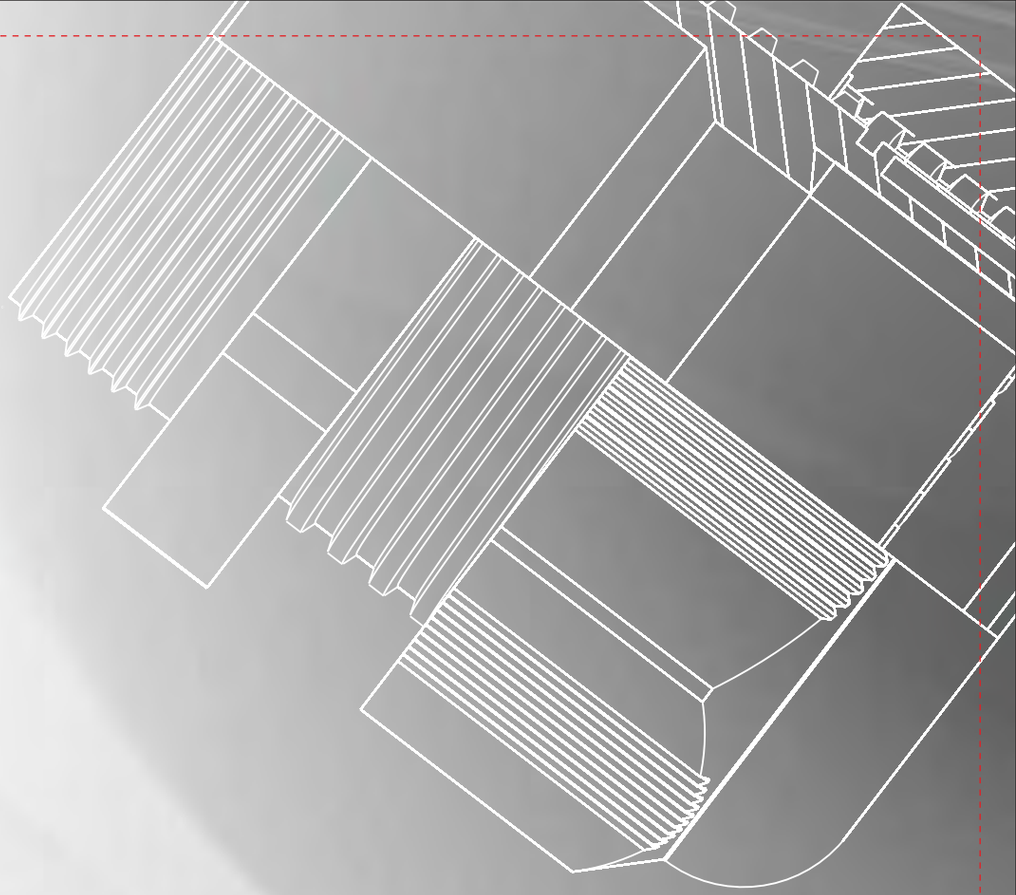
Contents	Page
Plastic Cable Glands & Accessories	
Standard type Metric - PG	4-5
Standard type PA6 V0 - UL94	6
Standard type with closed seal	7
Standard type with multihole or flat seal	8-9
Eurometric & reduced glands	10
Bending resistance glands	11-12
Din type glands	13
Din type with closed seal	14
Blind stops	15
Hexagonal Blind stops	16
Hexagonal locknuts	17
Hexagonal locknuts with collar	18
Protection accessories	19
ORvent Ventilation Elements	
Plastic Ventilation Glands	22
Brass & Stainless steel Ventilation Glands	23
Plastic Ventilation Plugs	24
Brass Ventilation Plugs	25
Stainless Steel Ventilation Plugs	26
Metal Cable Glands & Accessories	
Standard type Metric - PG	28-29
Redc. & Expd. type Metric - PG	30
Standard type NPT	31
Special long type	32
Stainless steel glands Metric - PG	33
Stainless Steel Redc. & Expd. type Metric - PG	34
Stainless steel glands NPT	35
Mini glands	36
EMC type glands	37
Standard type silicone seal&o-ring	38
Standard type with multihole or flat seal	39-40
XL type glands	41
Bending resistance glands	42
A2 Flat type glands	43
Marine type armoured glands	44
Traction relief type glands	45
Blind stops	46
Hexagonal locknuts	47
Stainless steel locknuts	48
EMC locknuts	49
Reducers	50
Enlargers	51
Adapters	52
Ex-proof & Industrial Type Glands & Accessories	
Ex-proof & Industrial glands part numbering	54
DCG Ex-proof Double Seal Armoured Glands	55
ACG Ex-proof Single Seal Armoured Glands	56
UAG Ex-proof Unarmoured Glands	57
UG Ex-proof Unarmoured Glands	58
Ex-proof Accessories Numbering	59
TK-TS-TO type Ex-proof Stopper Plugs	60-61-62
AP - AP1 type Ex-proof Adapters	63-64

Contents	Page
RC type Ex-proof Reducers & Enlargers	65-66
NP type Ex-proof Nipples	67
CP type Ex-proof Couplings	68-69
ExMLS type Ex-proof Liquid Tight Conduit Fittings	70
STex type Ex-proof Bending resistance glands	71
Shrouds & Earth Tags	72
WDCG Industrial Double Seal Armoured Glands	73
WACG Industrial Single Seal Armoured Glands	74
WUG Industrial Single Seal Unarmoured Glands	75
AG Industrial Armoured Glands	76
E1W type BS6121 Industrial Cable Glands	77
CW type BS6121 Industrial Cable Glands	78
A2 type BS6121 Industrial Cable Glands	79
BW type BS6121 Industrial Cable Glands	80

tacflex

Protective Plastic & Metal Spiral Conduits & Accessories	
PA6-V2 & V0 Corrugated Conduits	82-83
PA6 V2-V0 Slit Type Corrugated Conduits	84
PP Corrugated Conduits	85
PP Slit Type Corrugated Conduits	86
PVC Spiral Conduits	87
Plastic Metric & PG conduit Glands	88-89
Metric & PG 90° Elbow Conduit Glands	90
Conduit Glands with Cable Holder	91
Conduit Clips	92
Spiral Conduit Glands	93
Galvanised Steel Spiral Conduits	94
PVC Coated Galvanised Steel Conduits	95
Halogen Free Galvanised Steel Conduits	96
Steel Wire Overbraid Galvanised Conduits	97
Steel Wire Overbraid PVC Coated Galvanised Conduits	98
Steel Wire Overbraid Polyamide Conduits	99
Liquid Tight Conduits	100
Halogen Free Liquid Tight Conduits	101
Steel Wire Overbraid Liquid Tight Conduits	102
Fixed & Swivel Liquid Tight Conduit Glands Metric & PG	103
Fixed & Swivel Liquid Tight Conduit Glands NPT	104
Fixed & Swivel Female Liquid Tight Conduit Glands Metric & PG	105
Fixed & Swivel Female Liquid Tight Conduit Glands NPT	106
Fixed & Swivel Steel Wire Overbraid Plastic Conduit Glands	107
Liquid Tight Conduit Glands with Cable Holder Metric,PG & NPT	108-109
Fixed & Swivel Straight Conduit Fittings Metric,PG & NPT	110-112
Connectors & Other Products	
Led Waterproof Connectors	114
Tubeglands	115
RJ-45 Glands	116
Socket Terminals	117
Screw Terminals & Wire Connectors	118
Electrical Motor Accessories	119
DIN Rails	120
Protection Class Table	121





PLASTIC CABLE GLANDS & ACCESSORIES

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

STANDARD TYPE METRIC

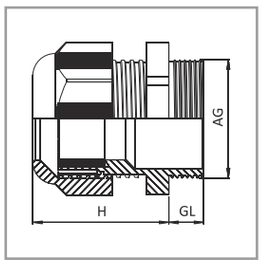
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)
Protection class	: IP68 5 bar
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

Antivibration protection
UV resistance
Easy to assemble
VDE approval (40030037)
Halogen free



ETANJ RAKOR

Hammaddesi	: Polyamid PA6
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP68 5 bar
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

* Red (RAL 3020) and White (RAL 9010) colours are available

METRIC THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

IP 68

Halogen free

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
M 12 x 1,5	OMRG 01	OMRL 01	OMRB 01	24	8	15	3 - 6,5
M 16 x 1,5	OMRG 02	OMRL 02	OMRB 02	28	8	19	4 - 8
M 16 x 1,5	OMRG 03	OMRL 03	OMRB 03	29	10	22	5 - 10
M 20 x 1,5	OMRG 04RS	OMRL 04RS	OMRB 04RS	29	10	24	4 - 10
M 20 x 1,5	OMRG 04	OMRL 04	OMRB 04	29	10	24	6 - 12
M 20 x 1,5	OMRG 05	OMRL 05	OMRB 05	33	10	27	10 - 14
M 25 x 1,5	OMRG 06	OMRL 06	OMRB 06	38	10	33	13 - 18
M 32 x 1,5	OMRG 07	OMRL 07	OMRB 07	41	10	42	18 - 25
M 40 x 1,5	OMRG 08	OMRL 08	OMRB 08	51	10	53	22 - 32
M 50 x 1,5	OMRG 09	OMRL 09	OMRB 09	53	18	60	30 - 38
M 63 x 1,5	OMRG 10	OMRL 10	OMRB 10	55	18	70	34 - 44

LONG METRIC CABLE GLANDS

M 12 x 1,5	OMRG 01L	OMRL 01L	OMRB 01L	24	15	15	3 - 6,5
M 16 x 1,5	OMRG 11S	OMRL 11S	OMRB 11S	28	15	19	4 - 8
M 16 x 1,5	OMRG 11	OMRL 11	OMRB 11	29	15	22	5 - 10
M 20 x 1,5	OMRG 12RS	OMRL 12RS	OMRB 12RS	29	15	24	4 - 10
M 20 x 1,5	OMRG 12	OMRL 12	OMRB 12	29	15	24	6 - 12
M 20 x 1,5	OMRG 13	OMRL 13	OMRB 13	33	15	27	10 - 14
M 25 x 1,5	OMRG 14	OMRL 14	OMRB 14	38	15	33	13 - 18
M 32 x 1,5	OMRG 15	OMRL 15	OMRB 15	41	18	42	18 - 25
M 40 x 1,5	OMRG 16	OMRL 16	OMRB 16	51	18	53	22 - 32

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

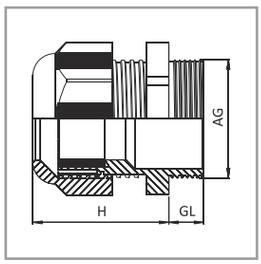
STANDARD TYPE PG

TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Polyamide PA6 V2
Connection thread	: PG (DIN 40430)
Protection class	: IP68 5 bar
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties
Antivibration protection
UV resistance
Easy to assemble
Halogen free



ETANJ RAKOR

Hammaddesi	: Polyamid PA6
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 5 bar
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV


RAL 7001


RAL 7035


RAL 9005

* Red (RAL 3020) and White (RAL 9010) colours are available

PRODUCT RANGE OVERVIEW

PG THREAD CABLE GLANDS

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
PG 7	ORG 01	ORL 01	ORB 01	24	8	15	3 - 6,5
PG 9	ORG 02	ORL 02	ORB 02	28	8	19	4 - 8
PG 11	ORG 03	ORL 03	ORB 03	29	8	22	5 - 10
PG 13,5	ORG 04RS	ORL 04RS	ORB 04RS	29	9	24	4 - 10
PG 13,5	ORG 04	ORL 04	ORB 04	29	9	24	6 - 12
PG 16	ORG 05	ORL 05	ORB 05	33	9	27	10 - 14
PG 21	ORG 06	ORL 06	ORB 06	38	11	33	13 - 18
PG29	ORG 07	ORL 07	ORB 07	41	11	42	18 - 25
PG36	ORG 08	ORL 08	ORB 08	51	13	53	22 - 32
PG42	ORG 09	ORL 09	ORB 09	53	13	60	30 - 38
PG48	ORG 10	ORL 10	ORB 10	55	14	65	34 - 44

IP 68

Halogen free

LONG PG CABLE GLANDS

PG 7	ORGL 01	ORLL 01	ORBL 01	24	15	15	3 - 6,5
PG 9	ORGL 02	ORLL 02	ORBL 02	28	15	19	4 - 8
PG 11	ORGL 03A	ORLL 03A	ORBL 03A	29	10	22	5 - 10
PG 11	ORGL 03	ORLL 03	ORBL 03	29	15	22	5 - 10
PG 13.5	ORGL 04RS	ORLL 04RS	ORBL 04RS	29	15	24	4 - 10
PG 13.5	ORGL 04	ORLL 04	ORBL 04	29	15	24	6 - 12
PG 16	ORGL 05	ORLL 05	ORBL 05	33	15	27	10 - 14
PG 21	ORGL 06	ORLL 06	ORBL 06	38	15	33	13 - 18

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

V0 - UL94

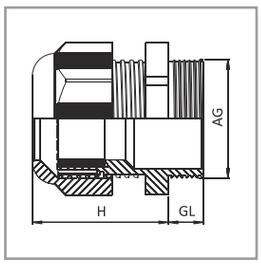
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V0-UL94
Sealing ring	: TPV
Gland body	: Polyamide PA6 V0-UL94
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

Fire protection class V0 as per UL94
Antivibration protection
UV resistance
Easy to assemble
Halogen free



ETANJ RAKOR V0 - UL94

Hammaddesi	: Polyamid V0 - UL94
Renk	: RAL 7001 (Gri) : RAL 7035 (Açık Gri) : RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 5 bar
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV


RAL 7001


RAL 7035


RAL 9005

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
M 12 x 1,5	OMRGV 01	OMRLV 01	OMRBV 01	24	8	15	3 - 6,5
M 16 x 1,5	OMRGV 02	OMRLV 02	OMRBV 02	28	8	19	4 - 8
M 16 x 1,5	OMRGV 03	OMRLV 03	OMRBV 03	29	10	22	5 - 10
M 20 x 1,5	OMRGV 04RS	OMRLV 04RS	OMRBV 04RS	29	10	24	4 - 10
M 20 x 1,5	OMRGV 04	OMRLV 04	OMRBV 04	29	10	24	6 - 12
M 20 x 1,5	OMRGV 05	OMRLV 05	OMRBV 05	33	10	27	10 - 14
M 25 x 1,5	OMRGV 06	OMRLV 06	OMRBV 06	38	10	33	13 - 18
M 32 x 1,5	OMRGV 07	OMRLV 07	OMRBV 07	41	10	42	18 - 25
M 40 x 1,5	OMRGV 08	OMRLV 08	OMRBV 08	51	10	53	22 - 32
M 50 x 1,5	OMRGV 09	OMRLV 09	OMRBV 09	53	18	60	30 - 38
M 63 x 1,5	OMRGV 10	OMRLV 10	OMRBV 10	55	18	65	34 - 44
PG 7	ORGV 01	ORLV 01	ORBV 01	24	8	15	3 - 6,5
PG 9	ORGV 02	ORLV 02	ORBV 02	28	8	19	4 - 8
PG 11	ORGV 03	ORLV 03	ORBV 03	29	8	22	5 - 10
PG 13,5	ORGV 04RS	ORLV 04RS	ORBV 04RS	29	9	24	4 - 10
PG 13,5	ORGV 04	ORLV 04	ORBV 04	29	9	24	6 - 12
PG 16	ORGV 05	ORLV 05	ORBV 05	33	9	27	10 - 14
PG 21	ORGV 06	ORLV 06	ORBV 06	38	11	33	13 - 18
PG 29	ORGV 07	ORLV 07	ORBV 07	41	11	42	18 - 25
PG 36	ORGV 08	ORLV 08	ORBV 08	51	13	53	22 - 32
PG 42	ORGV 09	ORLV 09	ORBV 09	53	13	60	30 - 38
PG 48	ORGV 10	ORLV 10	ORBV 10	55	14	65	34 - 44

IP 68

Halogen free

* Long thread versions are also available.

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS
CLOSED SEAL

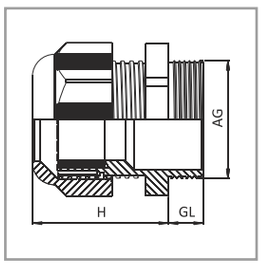
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV special seal for dust resistance
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP65
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

Dust resistance with special seal
Antivibration protection
UV resistance
Easy to assemble
Halogen free



ETANJ RAKOR-KAPALI CONTA

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP65
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV


RAL 7001


RAL 7035


RAL 9005

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
M 12 x 1,5	KMRG 01	KMRL 01	KMRB 01	24	8	15	3 - 6,5
M 16 x 1,5	KMRG 02	KMRL 02	KMRB 02	28	8	19	4 - 8
M 16 x 1,5	KMRG 03	KMRL 03	KMRB 03	29	10	22	5 - 10
M 20 x 1,5	KMRG 04	KMRL 04	KMRB 04	29	10	24	6 - 12
M 20 x 1,5	KMRG 05	KMRL 05	KMRB 05	33	10	27	10 - 14
M 25 x 1,5	KMRG 06	KMRL 06	KMRB 06	38	10	33	13 - 18
M 32 x 1,5	KMRG 07	KMRL 07	KMRB 07	41	10	42	18 - 25
M 40 x 1,5	KMRG 08	KMRL 08	KMRB 08	51	10	53	22 - 32
M 50 x 1,5	KMRG 09	KMRL 09	KMRB 09	53	18	60	30 - 38
M 63 x 1,5	KMRG 10	KMRL 10	KMRB 10	55	18	70	34 - 44
PG 7	KRG 01	KRL 01	KRB 01	24	8	15	3 - 6,5
PG 9	KRG 02	KRL 02	KRB 02	28	8	19	4 - 8
PG 11	KRG 03	KRL 03	KRB 03	29	8	22	5 - 10
PG 13,5	KRG 04	KRL 04	KRB 04	29	9	24	6 - 12
PG 16	KRG 05	KRL 05	KRB 05	33	9	27	10 - 14
PG 21	KRG 06	KRL 06	KRB 06	38	11	33	13 - 18
PG 29	KRG 07	KRL 07	KRB 07	41	11	42	18 - 25
PG 36	KRG 08	KRL 08	KRB 08	51	13	53	22 - 32
PG 42	KRG 09	KRL 09	KRB 09	53	13	60	30 - 38
PG 48	KRG 10	KRL 10	KRB 10	55	14	65	34 - 44

IP 65

Halogen free

* Long thread versions are also available.

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

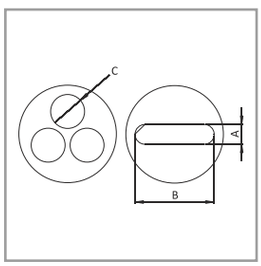
MULTIHOLE - FLATHOLE

TECHNICAL DETAILS

Material	
Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV special seal for multi / flat cables
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN60423)
Protection class	: IP65
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

For multi or flat cables
Antivibration protection
UV resistance
Easy to assemble
Halogen free



MULTİ ETANJ RAKOR

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP65
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

METRIC THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

IP 65

Halogen free

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	Number of holes mm	C mm
M 16 x 1,5	OMRG 02A3	OMRL 02A3	OMRB 02A3	2	3
M 16 x 1,5	OMRG 02B3	OMRL 02B3	OMRB 02B3	3	3
M 16 x 1,5	OMRG 02C3	OMRL 02C3	OMRB 02C3	4	3
M 16 x 1,5	OMRG 03A4	OMRL 03A4	OMRB 03A4	2	4
M 16 x 1,5	OMRG 03A5	OMRL 03A5	OMRB 03A5	2	5
M 16 x 1,5	OMRG 03B4	OMRL 03B4	OMRB 03B4	3	4
M 16 x 1,5	OMRG 03B5	OMRL 03B5	OMRB 03B5	3	5
M 20 x 1,5	OMRG 04A5	OMRL 04A5	OMRB 04A5	2	5
M 20 x 1,5	OMRG 04A6	OMRL 04A6	OMRB 04A6	2	6
M 20 x 1,5	OMRG 04B4	OMRL 04B4	OMRB 04B4	3	4
M 20 x 1,5	OMRG 04B5	OMRL 04B5	OMRB 04B5	3	5
M 20 x 1,5	OMRG 05A4	OMRL 05A4	OMRB 05A4	2	4
M 20 x 1,5	OMRG 05A7	OMRL 05A7	OMRB 05A7	2	7
M 20 x 1,5	OMRG 05B4	OMRL 05B4	OMRB 05B4	3	4
M 20 x 1,5	OMRG 05B6	OMRL 05B6	OMRB 05B6	3	6
M 20 x 1,5	OMRG 05C5	OMRL 05C5	OMRB 05C5	4	5
M 25 x 1,5	OMRG 06A8	OMRL 06A8	OMRB 06A8	2	8
M 25 x 1,5	OMRG 06A9	OMRL 06A9	OMRB 06A9	2	9
M 25 x 1,5	OMRG 06B5	OMRL 06B5	OMRB 06B5	3	5
M 25 x 1,5	OMRG 06B7	OMRL 06B7	OMRB 06B7	3	7
M 25 x 1,5	OMRG 06B8	OMRL 06B8	OMRB 06B8	3	8
M 25 x 1,5	OMRG 06C7	OMRL 06C7	OMRB 06C7	4	7
M 25 x 1,5	OMRG 06G3	OMRL 06G3	OMRB 06G3	8	3
M 25 x 1,5	OMRG 06G4	OMRL 06G4	OMRB 06G4	8	4
M 32 x 1,5	OMRG 07C9	OMRL 07C9	OMRB 07C9	4	9
M 32 x 1,5	OMRG 0703	OMRL 0703	OMRB 0703	16	3
M 40 x 1,5	OMRG 08E8	OMRL 08E8	OMRB 08E8	6	8
FLATHOLE METRIC CABLE GLANDS				A / mm	B / mm
M 20 x 1,5	YMRG 05	YMRL 05	YMRB 05	7	13
M 25 x 1,5	YMRG 06	YMRL 06	YMRB 06	5	17
M 32 x 1,5	YMRG 07	YMRL 07	YMRB 07	8	22
M 40 x 1,5	YMRG 08	YMRL 08	YMRB 08	10	28
M 40 x 1,5	YMRG 08A	YMRL 08A	YMRB 08A	5,5	28
M 50 x 1,5	YMRG 09	YMRL 09	YMRB 09	12	33

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

MULTIHOLE - FLATHOLE

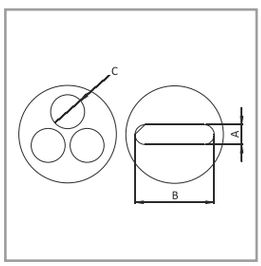
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV special seal for multi & flat cables
Gland body	: Polyamide PA6 V2
Connection thread	: PG (DIN 40430)
Protection class	: IP65
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

For multi or flat cables
Antivibration protection
UV resistance
Easy to assemble
Halogen free



MULTİ ETANJ RAKOR

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP65
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	Number of holes mm	C mm
PG 9	ORG 02A3	ORL 02A3	ORB 02A3	2	3
PG 9	ORG 02B3	ORL 02B3	ORB 02B3	3	3
PG 9	ORG 02C3	ORL 02C3	ORB 02C3	4	3
PG 11	ORG 03A4	ORL 03A4	ORB 03A4	2	4
PG 11	ORG 03A5	ORL 03A5	ORB 03A5	2	5
PG 11	ORG 03B4	ORL 03B4	ORB 03B4	3	4
PG 11	ORG 03B5	ORL 03B5	ORB 03B5	3	5
PG 13,5	ORG 04A5	ORL 04A5	ORB 04A5	2	5
PG 13,5	ORG 04A6	ORL 04A6	ORB 04A6	2	6
PG 13,5	ORG 04B4	ORL 04B4	ORB 04B4	3	4
PG 13,5	ORG 04B5	ORL 04B5	ORB 04B5	3	5
PG 16	ORG 05A4	ORL 05A4	ORB 05A4	2	4
PG 16	ORG 05A7	ORL 05A7	ORB 05A7	2	7
PG 16	ORG 05B4	ORL 05B4	ORB 05B4	3	4
PG 16	ORG 05B6	ORL 05B6	ORB 05B6	3	6
PG 16	ORG 05C5	ORL 05C5	ORB 05C5	4	5
PG 21	ORG 06A8	ORL 06A8	ORB 06A8	2	8
PG 21	ORG 06A9	ORL 06A9	ORB 06A9	2	9
PG 21	ORG 06B5	ORL 06B5	ORB 06B5	3	5
PG 21	ORG 06B7	ORL 06B7	ORB 06B7	3	7
PG 21	ORG 06B8	ORL 06B8	ORB 06B8	3	8
PG 21	ORG 06C7	ORL 06C7	ORB 06C7	4	7
PG 21	ORG 06G3	ORL 06G3	ORB 06G3	8	3
PG 21	ORG 06G4	ORL 06G4	ORB 06G4	8	4
PG 29	ORG 07C9	ORL 07C9	ORB 07C9	4	9
PG 29	ORG 0703	ORL 0703	ORB 0703	16	3
PG 36	ORG 08E8	ORL 08E8	ORB 08E8	6	8
FLATHOLE METRIC CABLE GLANDS				A / mm	B / mm
PG 16	YRG 05	YRL 05	YRB 05	7	13
PG 21	YRG 06	YRL 06	YRB 06	5	17
PG 29	YRG 07	YRL 07	YRB 07	8	22
PG 36	YRG 08	YRL 08	YRB 08	10	28
PG 36	YRG 08A	YRL 08A	YRB 08A	5,5	28
PG 42	YRG 09	YRL 09	YRB 09	12	33

IP 65

Halogen free



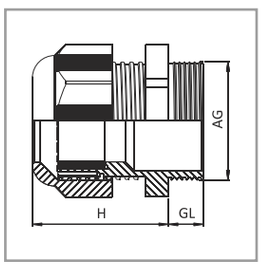
POLYAMIDE CABLE GLANDS

EURO METRIC - REDUCED

TECHNICAL DETAILS

Material	
Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties
For wide range of cables
Antivibration protection
UV resistance
Easy to assemble
Halogen free



EUROMETRİK - REDÜKSİYON ETANJ RAKOR

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP68 - 5 bar
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

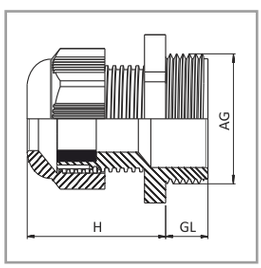
PRODUCT RANGE OVERVIEW

EURO METRIC THREAD CABLE GLANDS

IP 68

Halogen free

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
M 25 x 1,5	OMRG 06	OMRL 06	OMRB 06	35	10	29	11 - 17
M 25 x 1,5	OMRG E6-9	OMRL E6-9	OMRB E6-9	35	10	29	9 - 14
M 32 x 1,5	OMRG E7	OMRL E7	OMRB E7	40	10	36	15 - 21
M 40 x 1,5	OMRG E8	OMRL E8	OMRB E8	43	10	46	19 - 28
					LONG EURO METRIC CABLE GLANDS		
M 25 x 1,5	OMRG E14	OMRL E14	OMRB E14	35	15	29	11 - 17
M 25 x 1,5	OMRG E14-9	OMRL E14-9	OMRB E14-9	35	15	29	9 - 14
M 32 x 1,5	OMRG E15	OMRL E15	OMRB E15	40	15	36	15 - 21
M 40 x 1,5	OMRG E16	OMRL E16	OMRB E16	43	15	46	19 - 28





REDUCED METRIC CABLE GLANDS

M 25 x 1,5	OMRG ES4	OMRL ES4	OMRB ES4	32	10	29	4 - 10
M 25 x 1,5	OMRG ES6	OMRL ES6	OMRB ES6	32	10	29	6 - 12
M 25 x 1,5	OMRG ES14	OMRL ES14	OMRB ES14	32	15	29	4 - 10
M 25 x 1,5	OMRG ES16	OMRL ES16	OMRB ES16	32	15	29	6 - 12

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

SPIRAL TYPE

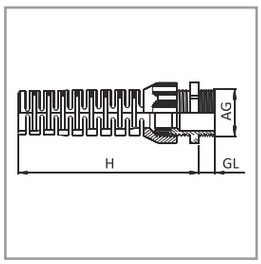
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV special seal for bend resistance
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN60423)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

With spiral top for bend protection
For highly movable flexible cables
Antivibration protection
UV resistance
Easy to assemble
Halogen free



SPİRAL UÇLU ETANJ RAKOR

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri) : RAL 7035 (Açık Gri) : RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP68 5 bar
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

PRODUCT RANGE OVERVIEW

METRIC THREAD CABLE GLANDS

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
M 12 x 1,5	OMRG 17	OMRL 17	OMRB 17	57	8	15	3 - 6,5
M 16 x 1,5	OMRG 18	OMRL 18	OMRB 18	70	8	19	4 - 8
M 16 x 1,5	OMRG 19	OMRL 19	OMRB 19	81	10	22	5 - 10
M 20 x 1,5	OMRG 20	OMRL 20	OMRB 20	89	10	24	6 - 12
M 20 x 1,5	OMRG 21	OMRL 21	OMRB 21	107	10	27	10 - 14
M 25 x 1,5	OMRG 22	OMRL 22	OMRB 22	124	10	33	13 - 18

LONG METRIC CABLE GLANDS

M 12 x 1,5	OMRG 17L	OMRL 17L	OMRB 17L	57	15	15	3 - 6,5
M 16 x 1,5	OMRG 18L	OMRL 18L	OMRB 18L	70	15	19	4 - 8
M 16 x 1,5	OMRG 19L	OMRL 19L	OMRB 19L	81	15	22	5 - 10
M 20 x 1,5	OMRG 20L	OMRL 20L	OMRB 20L	89	15	24	6 - 12
M 20 x 1,5	OMRG 21L	OMRL 21L	OMRB 21L	107	15	27	10 - 14
M 25 x 1,5	OMRG 22L	OMRL 22L	OMRB 22L	124	15	33	13 - 18

IP 68

Halogen free

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

SPIRAL TYPE

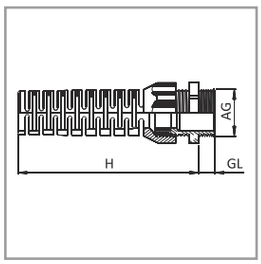
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV special seal for bend resistance
Gland body	: Polyamide PA6 V2
Connection thread	: PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

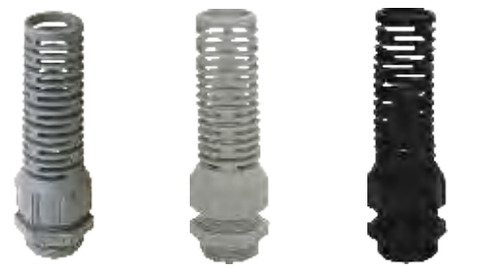
Properties

With spiral top for bend protection
For highly movable flexible cables
Antivibration protection
UV resistance
Easy to assemble
Halogen free



SPİRAL UÇLU ETANJ RAKOR

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 5 bar
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

PRODUCT RANGE OVERVIEW

PG THREAD CABLE GLANDS

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
PG 7	ORG 19	ORL 19	ORB 19	57	8	15	3 - 6,5
PG 9	ORG 20	ORL 20	ORB 20	70	8	19	4 - 8
PG 11	ORG 21	ORL 21	ORB 21	81	8	22	5 - 10
PG 13,5	ORG 22	ORL 22	ORB 22	89	9	24	6 - 12
PG 16	ORG 23	ORL 23	ORB 23	107	9	27	10 - 14
PG 21	ORG 24	ORL 24	ORB 24	124	11	33	13 - 18

LONG PG CABLE GLANDS

PG 7	ORG 19L	ORL 19L	ORB 19L	57	15	15	3 - 6,5
PG 9	ORG 20L	ORL 20L	ORB 20L	70	15	19	4 - 8
PG 11	ORG 21L	ORL 21L	ORB 21L	81	15	22	5 - 10
PG 13,5	ORG 22L	ORL 22L	ORB 22L	89	15	24	6 - 12
PG 16	ORG 23L	ORL 23L	ORB 23L	107	15	27	10 - 14
PG 21	ORG 24L	ORL 24L	ORB 24L	124	15	33	13 - 18

IP 68

Halogen free

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

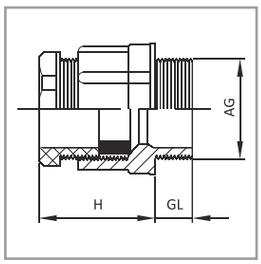
DIN TYPE

TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2 + 30% GF
Sealing ring	: TPV
Washer	: Polystyrene
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Protection class	: IP54
Temperature range	: -20 °C +100 °C

Properties
UV resistance
DIN type design and clamping
Easy to assemble



DÜZ TİP RAKOR

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP54
Sürekli ısıya direnci	: -20 °C + 100 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
M 12 x 1,5	DMRG 01	DMRL 01	DMRB 01	21	8	15	3,5 - 6
M 16 x 1,5	DMRG 02	DMRL 02	DMRB 02	22	8	19	4,5 - 7
M 16 x 1,5	DMRG 03	DMRL 03	DMRB 03	22	8	22	6 - 9
M 20 x 1,5	DMRG 04	DMRL 04	DMRB 04	26	9	24	8 - 13
M 20 x 1,5	DMRG 05	DMRL 05	DMRB 05	28	10	27	11 - 14
M 25 x 1,5	DMRG 06	DMRL 06	DMRB 06	32	11	33	14 - 18
PG 7	ORG 11	ORL 11	ORB 11	21	8	15	3,5 - 6
PG 9	ORG 12	ORL 12	ORB 12	22	8	19	4,5 - 7
PG 11	ORG 13	ORL 13	ORB 13	22	8	22	6 - 9
PG 13,5	ORG 14	ORL 14	ORB 14	26	9	24	8 - 13
PG 16	ORG 15	ORL 15	ORB 15	28	10	27	11 - 14
PG 21	ORG 16	ORL 16	ORB 16	32	11	33	14 - 18
PG 29	ORG 17	ORL 17	ORB 17	35	11	42	18 - 25
PG 36	ORG 18	ORL 18	ORB 18	39	13	53	25 - 32

IP 54

Halogen free

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS

FLAT TYPE CLOSED SEAL

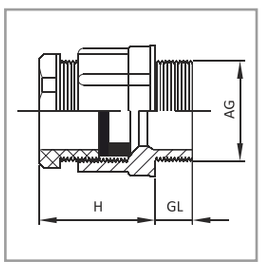
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2 + 30% GF
Sealing ring	: TPV (special seal for dust resistance)
Washer	: Polystyrene
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Protection class	: IP54
Temperature range	: -20 °C +100 °C

Properties

Dust resistance with special seal
UV resistance
DIN type design and clamping
Easy to assemble



DÜZ TİP RAKOR KAPALI CONTALI

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP54
Sürekli ısıya direnci	: -20 °C + 100 °C
Conta	: Termoplastik vulkanize TPV



RAL 7001 RAL 7035 RAL 9005

METRIC/PG THREAD CABLE GLANDS

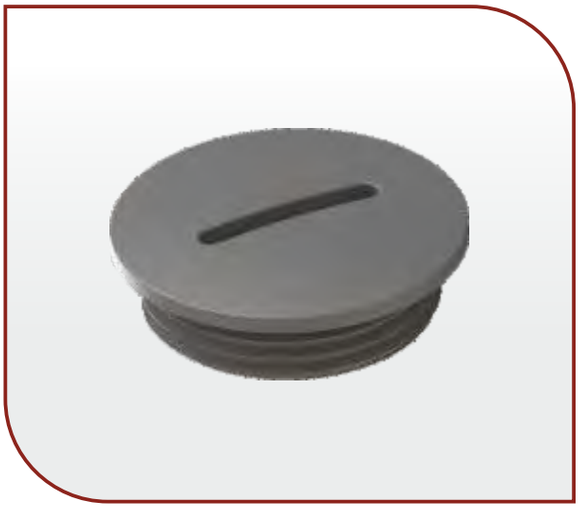
PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm
M 12 x 1,5	KMRG 17	KMRL 17	KMRB 17	21	8	15	3,5 - 6
M 16 x 1,5	KMRG 18	KMRL 18	KMRB 18	22	8	19	4,5 - 7
M 16 x 1,5	KMRG 19	KMRL 19	KMRB 19	22	8	22	6 - 9
M 20 x 1,5	KMRG 20	KMRL 20	KMRB 20	26	9	24	9 - 12
M 20 x 1,5	KMRG 21	KMRL 21	KMRB 21	28	10	27	11 - 14
M 25 x 1,5	KMRG 22	KMRL 22	KMRB 22	32	11	33	14 - 18
PG 7	KRG 11	KRL 11	KRB 11	21	8	15	3,5 - 6
PG 9	KRG 12	KRL 12	KRB 12	22	8	19	4,5 - 7
PG 11	KRG 13	KRL 13	KRB 13	22	8	22	6 - 9
PG 13,5	KRG 14	KRL 14	KRB 14	26	9	24	9 - 12
PG 16	KRG 15	KRL 15	KRB 15	28	10	27	11 - 14
PG 21	KRG 16	KRL 16	KRB 16	32	11	33	14 - 18
PG 29	KRG 17	KRL 17	KRB 17	35	11	42	18 - 25
PG 36	KRG 18	KRL 18	KRB 18	39	13	53	25 - 32

IP 54

Halogen free

ORTAC PLASTIC ACCESSORIES SERIES



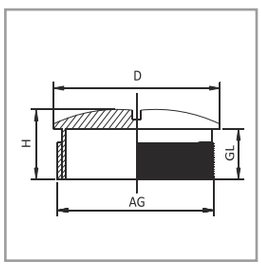
POLYAMIDE
BLIND STOPS

TECHNICAL DETAILS

Material

Screw plug	: Polyamide PA6 V2
Sealing ring	: NBR (on request)
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Protection class	: IP54 / IP68 (with o-ring)
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties
For unused threaded holes
UV resistance
Halogen free



KÖRTAPA

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP54 / IP68 (o-ringli)
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C



RAL 7001 RAL 7035 RAL 9005

METRIC/PG THREAD BLIND STOPS

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	GL mm
M 12 x 1,5	MOGK 01	MOLK 01	MOBK 01	8,5	6	15
M 16 x 1,5	MOGK 02	MOLK 02	MOBK 02	10	7	20
M 20 x 1,5	MOGK 03	MOLK 03	MOBK 03	10	7	24
M 25 x 1,5	MOGK 04	MOLK 04	MOBK 04	14	10	30
M 32 x 1,5	MOGK 05	MOLK 05	MOBK 05	14	10	37
M 40 x 1,5	MOGK 06	MOLK 06	MOBK 06	15	10	48
PG 7	OGK 01	OLK 01	OBK 01	8	6	15
PG 9	OGK 02	OLK 02	OBK 02	8,2	6	19
PG 11	OGK 03	OLK 03	OBK 03	8,5	6	22
PG 13,5	OGK 04	OLK 04	OBK 04	8,5	6	25
PG 16	OGK 05	OLK 05	OBK 05	8,5	6	27
PG 21	OGK 06	OLK 06	OBK 06	12	8	33
PG 29	OGK 07	OLK 07	OBK 07	11,3	8	44
PG 36	OGK 08	OLK 08	OBK 08	14,3	10	55

IP 54

Halogen free



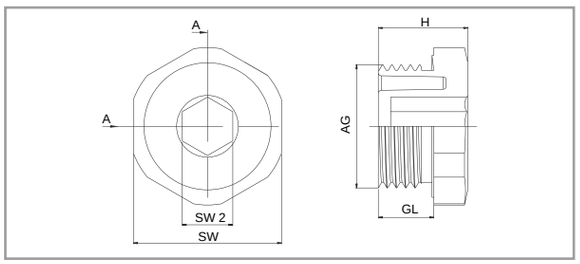
POLYAMIDE HEXAGONAL BLIND STOPS

TECHNICAL DETAILS

Material

Screw plug	: Polyamide PA6 V2 +30% GF
Sealing ring	: NBR
Connection thread	: Metric (EN 60423)
Protection class	: IP68
Temperature range	: -20 °C +100 °C

Properties
For unused threaded holes
UV resistance
Halogen free



ALTI KÖŞE KÖRTAPA

Hammaddesi	: Polyamid PA6 V2 +30% GF
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP68
Sürekli ısıya direnci	: -20 °C + 100 °C

METRIC THREAD BLIND STOPS

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	SW mm	SW 2 mm	GL mm
M 20 x 1,5	MOGKH 03	MOLKH 03	MOBKH 03	14,5	24	8	9
M 32 x 1,5	MOGKH 05	MOLKH 05	MOBKH 05	17,5	36	8	11,5

IP 68

Halogen free

ORTAC PLASTIC ACCESSORIES SERIES



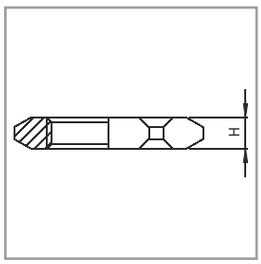
POLYAMIDE LOCK NUTS
STANDARD TYPE

TECHNICAL DETAILS

Material

Hexagonal lock nut	: Polyamide PA6 V2 + 30% GF
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties
For tightening of cable glands
UV resistance
Halogen free



SOMUN

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı diş PG	: DIN 40430
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C


RAL 7001


RAL 7035

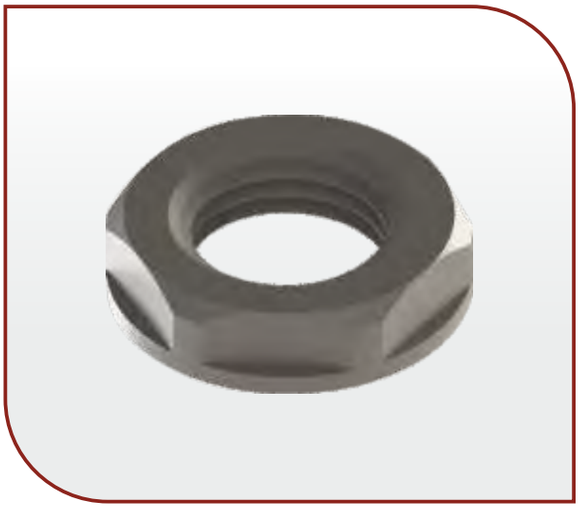

RAL 9005

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD LOCK NUTS

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	mm
M 12 x 1,5	MSG 01	MSL 01	MSB 01	5	18
M 16 x 1,5	MSG 02	MSL 02	MSB 02	5	22
M 20 x 1,5	MSG 03	MSL 03	MSB 03	6	26
M 25 x 1,5	MSG 04	MSL 04	MSB 04	6	32
M 32 x 1,5	MSG 05	MSL 05	MSB 05	7	41
M 40 x 1,5	MSG 06	MSL 06	MSB 06	7	50
M 50 x 1,5	MSG 07	MSL 07	MSB 07	8	60
M 63 x 1,5	MSG 08	MSL 08	MSB 08	8	75
PG 7	OSG 01	OSL 01	OSB 01	5	19
PG 9	OSG 02A	OSL 02A	OSB 02A	5	19
PG 9	OSG 02	OSL 02	OSB 02	5	22
PG 11	OSG 03	OSL 03	OSB 03	5	24
PG 13,5	OSG 04	OSL 04	OSB 04	6	27
PG 16	OSG 05	OSL 05	OSB 05	6	30
PG 21	OSG 06	OSL 06	OSB 06	7	36
PG 29	OSG 07	OSL 07	OSB 07	7	46
PG 36	OSG 08	OSL 08	OSB 08	8	60
PG 42	OSG 09	OSL 09	OSB 09	8	65
PG 48	OSG 10	OSL 10	OSB 10	8	70

Halogen free



POLYAMIDE LOCK NUTS
HEXAGONAL WITH COLLAR

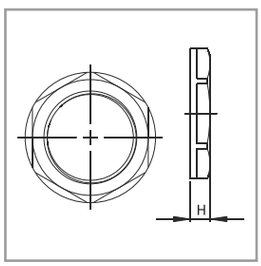
TECHNICAL DETAILS

Material

Hexagonal lock nut	: Polyamide PA6 V2 + 30% GF
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

Hexagonal with flange
For tightening of cable glands
UV resistance
Halogen free



ŞAPKALI SOMUN

Hammaddesi	: Polyamid PA6 V2
Renk	: RAL 7001 (Gri)
	: RAL 7035 (Açık Gri)
	: RAL 9005 (Siyah)
Bağlantı dişi M	: EN 60423
Bağlantı diş PG	: DIN 40430
Sürekli ısıya direnci	: -20 °C + 100 °C
Kısa süreli ısıya direnci	: -30 °C + 150 °C



RAL 7001 RAL 7035 RAL 9005

METRIC/PG THREAD LOCK NUTS

PRODUCT RANGE OVERVIEW

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	H mm	mm
M 12 x 1,5	RMSG 01	RMSL 01	RMSB 01	5	18
M 16 x 1,5	RMSG 02	RMSL 02	RMSB 02	5	22
M 20 x 1,5	RMSG 03	RMSL 03	RMSB 03	6	26
M 20 x 1,5	RMSG 03GM	RMSL 03GM	RMSB 03GM	8,25	26
M 25 x 1,5	RMSG 04	RMSL 04	RMSB 04	6	32
M 32 x 1,5	RMSG 05	RMSL 05	RMSB 05	7	41
M 40 x 1,5	RMSG 06	RMSL 06	RMSB 06	7	50
M 50 x 1,5	RMSG 07	RMSL 07	RMSB 07	8	60
M 63 x 1,5	RMSG 08	RMSL 08	RMSB 08	8	75
PG 7	ROSG 01	ROSL 01	ROSB 01	5	19
PG 9	ROSG 02	ROSL 02	ROSB 02	5	22
PG 11	ROSG 03	ROSL 03	ROSB 03	5	24
PG 13,5	ROSG 04	ROSL 04	ROSB 04	6	27
PG 16	ROSG 05	ROSL 05	ROSB 05	6	30
PG 21	ROSG 06	ROSL 06	ROSB 06	7	36
PG 29	ROSG 07	ROSL 07	ROSB 07	7	46
PG 36	ROSG 08	ROSL 08	ROSB 08	8	60
PG 42	ROSG 09	ROSL 09	ROSB 09	8	65
PG 48	ROSG 10	ROSL 10	ROSB 10	8	70

Halogen free

PROTECTION ACCESSORIES

PROTECTION TAPS

EN	TR
Material	Hammaddesi
Polyamide 6	Polyamide 6
Temperature range	Isıya direnci
-20 °C +100 °C	-20 °C +100 °C



O-RING

EN	TR
Material	Hammaddesi
Nitrile rubber 70 shore A	Nitril kauçuk 70 shore A
Temperature range	Isıya direnci
-30 °C +100 °C	-30 °C +100 °C



KORUMA TAPASI

PG Thread	M Thread	Black Code ■ RAL 9005	Red Code ■ RAL 3020
PG 7	M 12 x 1,5	PTB 01	PTR 01
PG 9	M 16 x 1,5	PTB 02	PTR 02
PG 11	M 16 x 1,5	PTB 03	PTR 03
PG 13,5	M 20 x 1,5	PTB 04	PTR 04
PG 16	M 20 x 1,5	PTB 05	PTR 05
PG 21	M 25 x 1,5	PTB 06	PTR 06
PG 29	M 32 x 1,5	PTB 07	PTR 07
PG 36	M 40 x 1,5	PTB 08	PTR 08
PG 42	M 50 x 1,5	PTB 09	PTR 09
PG 48	M 63 x 1,5	PTB 10	PTR 10

O-RING

Inner Diameter mm	Thickness mm	Gland Size	Code
8	1,5	M 12 x 1,5	80015
9	1,5	PG 7	90015
11	1,5	PG 9	11015
12	1,5	M 16 x 1,5	12015
13	1,5	PG11	13015
16	1,5	M 20 x 1,5/PG 13,5	16015
18	1,5	PG 16	18015
19	2	M 25 x 1,5	19020
22	2	PG 21	22020
23	2	M 32 x 1,5	23020
30	2	M 40 x 1,5/PG 29	30020
40	2	PG 36	40020
42	2	M 50 x 1,5	42020
48	2	PG 42	48020
53	2	M 63 x 1,5/PG 48	53020

FLAT WASHER / METRIC

EN	TR
Material	Hammaddesi
TPV	TPV
Temperature range	Isıya direnci
-20 °C +100 °C	-20 °C +100 °C



FLAT WASHER / gas

EN	TR
Material	Hammaddesi
TPV	TPV
Temperature range	Isıya direnci
-20 °C +100 °C	-20 °C +100 °C



YASSI RONDELA

Code	Metric Size	Inner Diameter	Outer Diameter	Thickness
RN-TPV-M12	12	12,0	17,0	1,4
RN-TPV-M16	16	16,0	23,0	1,5
RN-TPV-M20	20	20,0	23,0	1,5
RN-TPV-M20-2	20-2	20,0	29,0	1,5
RN-TPV-M25	25	25,0	32,0	1,5
RN-TPV-M32	32	32,0	42,0	1,5
RN-TPV-M40	40	40,0	50,0	2,0
RN-TPV-M50	50	50,0	59,0	2,0
RN-TPV-M63	63	63,0	74,0	2,0
RN-TPV-M75	75	75,0	89,0	2,0

YASSI RONDELA

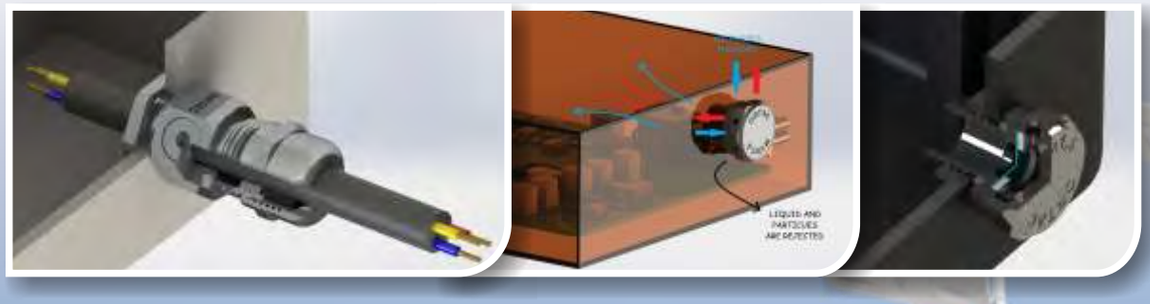
Code	Gas Size	Inner Diameter	Outer Diameter	Thickness
RN-TPV-G38	G3/8"	16,5	23,0	1,5
RN-TPV-G12	G1/2"	21,0	26,0	1,5
RN-TPV-G34	G3/4"	26,5	33,0	1,5
RN-TPV-G100	G1"	33,0	42,0	1,5
RN-TPV-G114	G11/4"	42,0	50,0	2,0
RN-TPV-G112	G11/2"	48,0	58,0	2,0
RN-TPV-G200	G2"	59,5	69,0	2,0
RN-TPV-G212	G21/2"	75,0	80,0	2,0
RN-TPV-G300	G3"	88,0	99,0	2,0

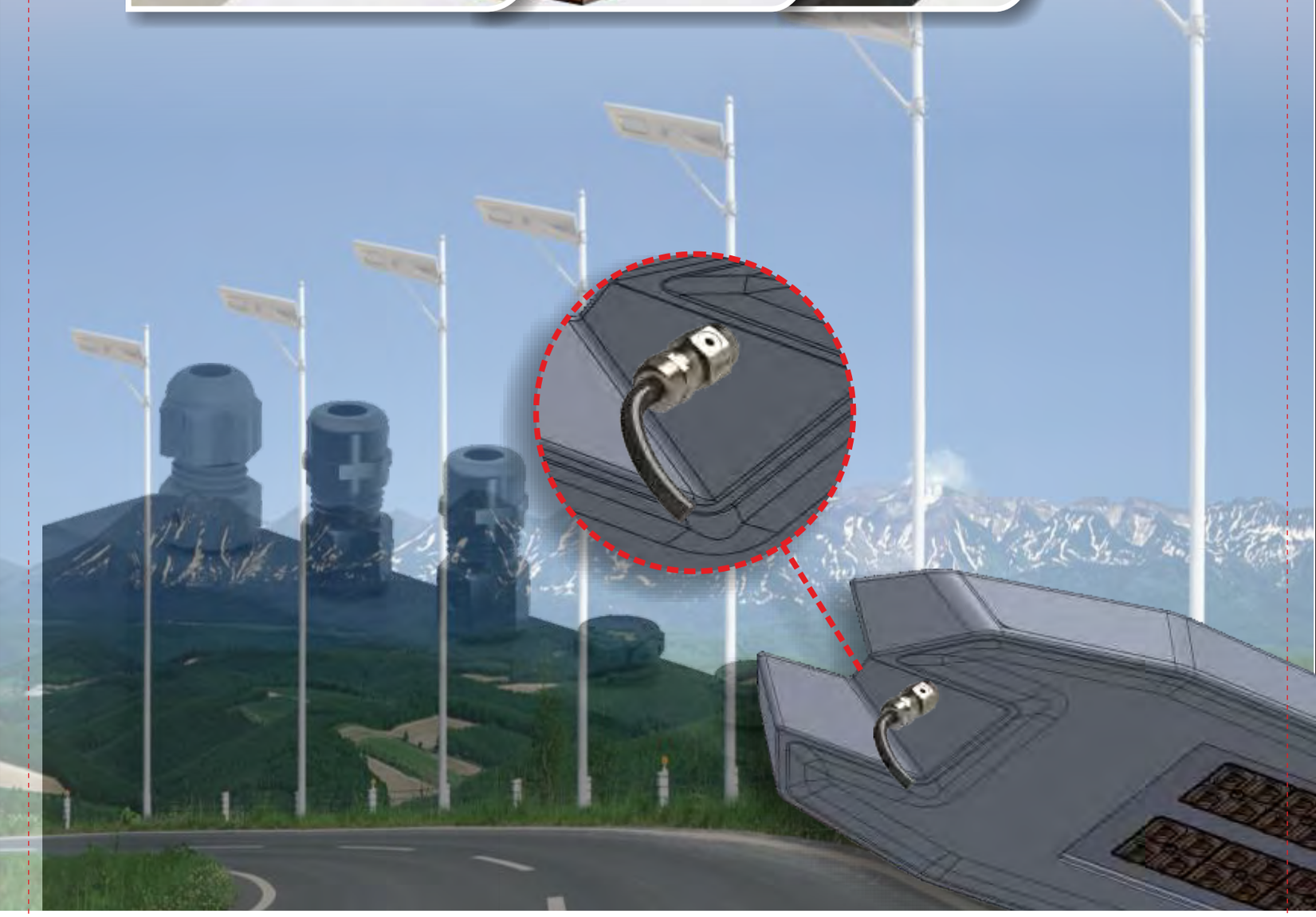
* PG sizes are available too

ORvent

Ventilation Solutions for every application..



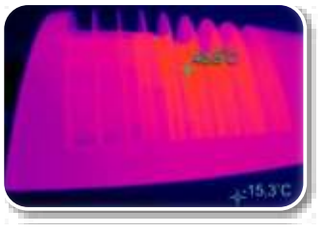




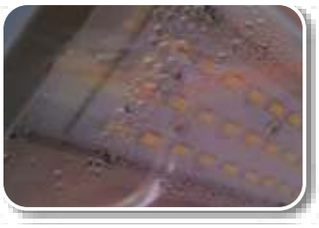
Pressure equalization elements. The reasons and the need for

Why the high tightness of the boxes - not always well?
Sealed enclosures are protected against dust and moisture from the outside, but can not be prevented the formation of condensation inside the product due to the temperature differences.
During the working process the pressure and temperature level of inside of the box increases. When it cools down the pressure is reduced and the air starts to be sucked out. Upon reaching the ''dew point'' the condensation is come out which causes oxidation of the internal parts.
In addition, due to sudden temperature changes leads microcracks on the walls of the boxes.

What makes matter worse..?







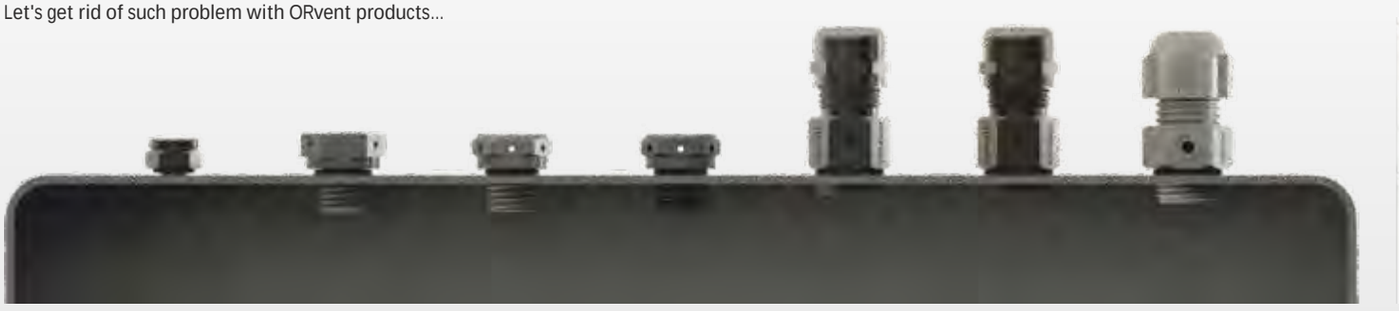


*The temperature difference in the housing and outside leads to negative pressure drops

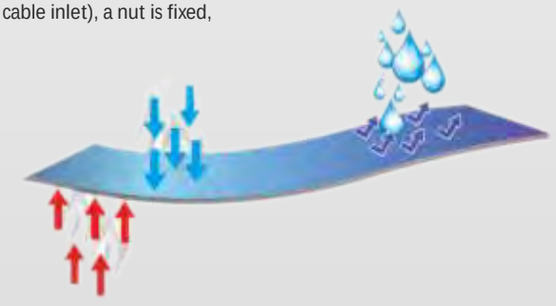
*The effects of condensation in the junction box

The contact tracks of the PCB, solder wires and where the lamp components starts to be oxidized. As a result, the durability of the life of the products (lamps or boxes) could decrease and extra service costs should be spent.
To drill a hole for ventilation not the best solution, because of the water and dust threat is increased with rainy or windy weather conditions.
Changes in weather conditions have a direct impact on the state of hermetic housings of street devices. When there is thunderstorms or moving from cold night to hot day the internal pressure of the boxes can increase up to 1000mbar. As a result, microscopic cracks can occur which may cause losing of IP feature of the products. Besides this problem, the oxidation of the internal parts of electrical equipment increases and accelerates failure.
There is so effective solution to avoid such problems... Let's get rid of such problems with ORvent ventilation glands & plugs.

Let's get rid of such problem with ORvent products...



This vicious circle can be broken with the pressure equalization parts thanks to its main feature of which hydrophobic, oleophobic membrane of special composition.
Air passes through but block dust and water. The ORvent ventilation glands or plugs allows hot air to go outside and controls the temperature of the lamps or boxes while keeping its waterproof feature.
The principle of operation is simple: the gland or plug is mounted in the body (typically – near the cable inlet), a nut is fixed, where is not threaded entry on the inner side and provides ventilation to your devices.
The pressure equalization parts has a degree of protection IP68. After installations, it protects against your product ingress of unwanted elements. At the same time it ensures the circulation of air while maintaining the tightness.
Equalized pressure and the negative effect in the form of condensation does not occur.
This is especially crucial in the different regions where the air temperature is unsteady.



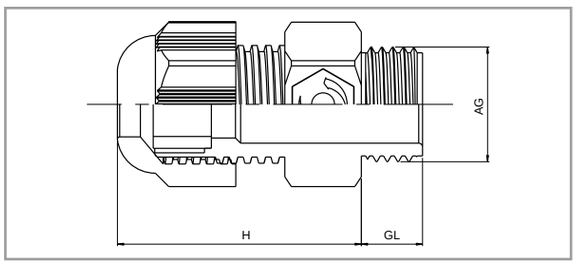
Metal or plastic

The materials of ORvent products are Plastic PA6, Brass nickel plated or Stainless steel which is appropriate to be used for both indoor and outdoor applications.
The test results have shown that ORvent pressure equalization parts is able to withstand an overload of up to 5 bar with strong water pressure.

ORTAC®
since 1969

ORvent





VENTILATION GLANDS

PLASTIC

TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Polyamide PA6 V2
O-ring	: NBR / EPDM
Vent Part	: Acrylic Co-Polymer on Nylon Support (Hydrophobic-Oleophobic)
Connection thread	: Metric (EN 60423), PG (DIN 40430)
Protection class	: IP68
Temperature range	: -20 °C +100 °C -30 +150 °C (short term)

Benefits
- Balance the pressure inside and outside of your systems
- Prevents corrosion and water condensation inside the enclosure
- It gives advantage to be used as cable gland and venting element
- Extend the life time of your product
- Highest air flow level
- Anti-vibration protection
- UV resistance
- Easy to assemble
- Halogen Free
- High strain relief and chemical resistance

Applications
- Industrial and electronic applications
- Wind & Solar applications
- Lighting Industry
- Automotive & Automation technology
- Railway industry

METRIC/PG THREAD VENTILATION GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	L.Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	mm	Hole Diameter mm	Average Air Flow l/H	Water Intrusion bar
M 12 x 1,5	OMVGL01	OMVGB01	29	8	19	4-6,5	12,3	70	0,1
M 16 x 1,5	OMVGL02	OMVGB02	33	8	19	4-8	16,3	70	0,1
M 16 x 1,5	OMVGL03	OMVGB03	34	10	22	5-10	16,3	70	0,1
PG7	OPVGL01	OPVGB01	29	8	19	4-8	13	70	0,1
PG9	OPVGL02	OPVGB02	33	8	19	4-8	15,5	70	0,1

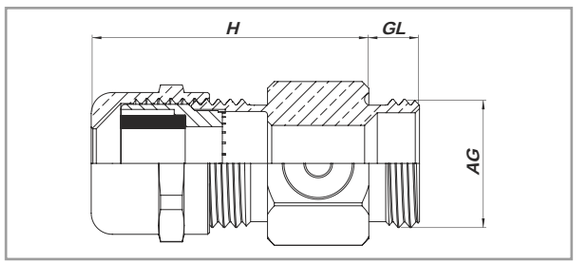
IP 68

Halogen free

ORTAC VENTILATION ELEMENTS

ORvent





VENTILATION GLANDS
BRASS / STAINLESS STEEL

TECHNICAL DETAILS

Material

Cap nut	: Brass nickel plated, Stainless steel (AISI303/316L)
Sealing ring	: TPV
Gland body	: Brass nickel plated, Stainless steel (AISI303/316L)
Cable holder	: Polyamide PA6 V2
O-ring	: NBR / EPDM
Vent Part	: Acrylic Co-Polymer on Nylon Support (Hydrophobic-Oleophobic)
Connection thread	: Metric (EN 60423), PG (DIN 40430)
Protection class	: IP68
Temperature range	: -20 °C +100 °C -30 +150 °C (short term)

Benefits
- Balance the pressure inside and outside of your systems
- Prevents corrosion and water condensation inside the enclosure
- It gives advantage to be used as cable gland and venting element
- Extend the life time of your product
- Highest air flow level
- Anti-vibration protection
- Easy to assemble
- High strain relief and chemical resistance
- Various sizes

Applications
- Industrial and electronic applications
- Wind & Solar applications
- Lighting Industry, Food & Beverage Industry
- Automotive & Automation technology
- Railway industry

METRIC/PG THREAD VENTILATION GLANDS

PRODUCT RANGE OVERVIEW

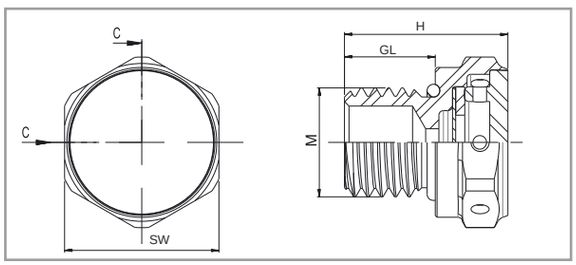
IP 68

Halogen free

AG Thread	Brass Code	Stainless Steel Code	H mm	GL mm	mm	mm	Hole Diameter mm	Average Air Flow l/H	Water Intrusion bar
M 12 x 1,5	OMBVG01	OMSVG01	31,5	6	17	4-8	12,3	70	0,1
M 12 x 1,5	OMBVG01L	OMSVG01L	31,5	8	17	4-8	12,3	70	0,1
M 16 x 1,5	OMBVG02R	OMSVG02R	31,5	6	17	4-8	16,3	70	0,1
M 16 x 1,5	OMBVG02RL	OMSVG02RL	31,5	8	17	4-8	16,3	70	0,1
M 16 x 1,5	OMBVG02	OMSVG02	33,5	6	20	5-10	16,3	70	0,1
M 16 x 1,5	OMBVG02L	OMSVG02L	33,5	8	20	5-10	16,3	70	0,1
M 20 x 1,5	OMBVG03	OMSVG03	35	8	22	6-12	20,3	70	0,1
PG7	OPBVG01	OPSVG01	31,5	6	17	4-8	13	70	0,1
PG7	OPBVG01L	OPSVG01L	31,5	8	17	4-8	13	70	0,1
PG9	OPBVG02	OPSVG02	31,5	6	17	4-8	15,5	70	0,1
PG9	OPBVG02L	OPSVG02L	31,5	8	17	4-8	15,5	70	0,1
PG11	OPBVG03	OPSVG03	33,5	6	20	5-10	19	70	0,1
PG11	OPBVG03L	OPSVG03L	33,5	8	20	5-10	19	70	0,1
PG13,5	OPBVG04	OPSVG04	35	6,5	22	6-12	21	70	0,1
PG13,5	OPBVG04L	OPSVG04L	35	8	22	6-12	21	70	0,1

ORvent





VENTILATION PLUGS

PLASTIC

TECHNICAL DETAILS

Material

Cap & body	: Polyamide PA6 V2
O-ring	: NBR / EPDM
Vent Part	: Acrylic Co-Polymer on Nylon Support (Hydrophobic-Oleophobic)
Connection thread	: Metric (EN 60423)
Protection class	: IP68
Temperature range	: -20 °C +100 °C -30 +150 °C (short term)

Benefits
- Balance the pressure inside and outside of your systems
- Prevents corrosion and water condensation inside the enclosure
- Extend the life time of your product
- Various air flows
- UV resistance
- Easy to assemble
- Halogen Free
- High chemical resistance

Applications
- Industrial and electronic applications
- Wind & Solar applications
- Lighting Industry
- Automotive & Automation technology
- Railway industry

PRODUCT RANGE OVERVIEW

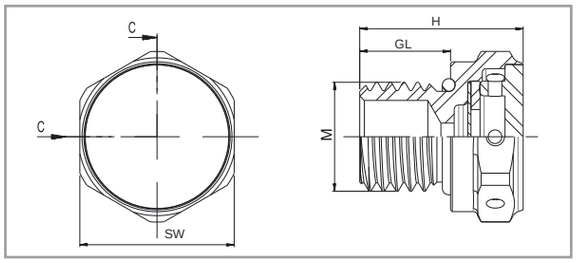
VENTILATION PLUGS

AG Thread	L.Gray Code RAL 7035	Black Code RAL 9005	H mm	GL mm	mm	Thread Diameter mm	Hole Diameter mm	Average Air Flow l/H	Water Intrusion bar
M 12 x 1,5	OMVPL01S	OMVPB01S	15	6	18	12	12,3	16	0,8
M 12 x 1,5	OMVPL01M	OMVPB01M	15	6	18	12	12,3	25	0,5
M 12 x 1,5	OMVPL01H	OMVPB01H	15	6	18	12	12,3	150	0,2
M 12 x 1,5	OMVPL01UH	OMVPB01UH	15	6	18	12	12,3	300	0,1
M 12 x 1,5	OMVPL01SL	OMVPB01SL	19	10	18	12	12,3	16	0,8
M 12 x 1,5	OMVPL01ML	OMVPB01ML	19	10	18	12	12,3	25	0,5
M 12 x 1,5	OMVPL01HL	OMVPB01HL	19	10	18	12	12,3	150	0,2
M 12 x 1,5	OMVPL01UHL	OMVPB01UHL	19	10	18	12	12,3	300	0,1

ORTAC METAL VENTILATION ELEMENTS

ORvent





VENTILATION PLUGS

BRASS

TECHNICAL DETAILS

Material

Cap & body	: Brass nickel plated
O-ring	: NBR / EPDM
Vent Part	: Acrylic Co-Polymer on Nylon Support (Hydrophobic-Oleophobic)
Connection thread	: Metric (EN 60423)
Protection class	: IP68
Temperature range	: -20 °C +100 °C -30 +150 °C (short term)

Benefits
- Balance the pressure inside and outside of your systems
- Prevents corrosion and water condensation inside the enclosure
- Extend the life time of your product
- Various air flows
- Easy to assemble
- High chemical resistance

Applications
- Industrial and electronic applications
- Wind & Solar applications
- Lighting Industry
- Automotive & Automation technology
- Railway industry

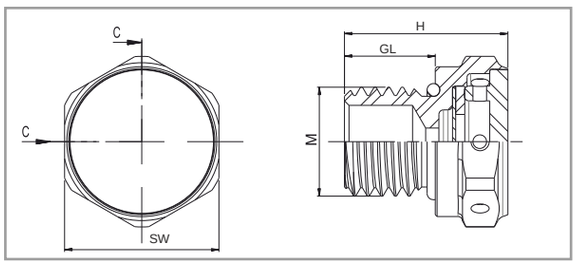
PRODUCT RANGE OVERVIEW

VENTILATION PLUGS

AG Thread	Code	H mm	GL mm	mm	Thread Diameter mm	Hole Diameter mm	Average Air Flow l/H	Water Intrusion bar
M 4 x 0,70	OMBVP4S	10	3	12	4	4,2	6	0,1
M 4 x 0,70	OMBVP4M	10	3	12	4	4,2	9	0,1
M 4 x 0,70	OMBVP4H	10	3	12	4	4,2	45	0,1
M 4 x 0,70	OMBVP4UH	10	3	12	4	4,2	105	0,1
M 8 x 1,25	OMBVP8S	13	6	12	8	8,2	6	0,1
M 8 x 1,25	OMBVP8M	13	6	12	8	8,2	9	0,1
M 8 x 1,25	OMBVP8H	13	6	12	8	8,2	45	0,1
M 8 x 1,25	OMBVP8UH	13	6	12	8	8,2	105	0,1
M 10 x 1,5	OMBVP10S	13	6	12	10	10,2	6	0,1
M 10 x 1,5	OMBVP10M	13	6	12	10	10,2	9	0,1
M 10 x 1,5	OMBVP10H	13	6	12	10	10,2	45	0,1
M 10 x 1,5	OMBVP10UH	13	6	12	10	10,2	105	0,1
M 12 x 1,5	OMBVP01S	14	6	17	12	12,3	16	0,8
M 12 x 1,5	OMBVP01M	14	6	17	12	12,3	25	0,5
M 12 x 1,5	OMBVP01H	14	6	17	12	12,3	150	0,2
M 12 x 1,5	OMBVP01UH	14	6	17	12	12,3	300	0,1
M 12 x 1,5	OMBVP01SL	18	10	17	12	12,3	16	0,8
M 12 x 1,5	OMBVP01ML	18	10	17	12	12,3	25	0,5
M 12 x 1,5	OMBVP01HL	18	10	17	12	12,3	150	0,2
M 12 x 1,5	OMBVP01UHL	18	10	17	12	12,3	300	0,1

ORvent





VENTILATION PLUGS

STAINLESS STEEL

TECHNICAL DETAILS

Material	
Cap & body	: Stainless Steel (ASISI 303/316L)
O-ring	: NBR / EPDM
Vent Part	: Acrylic Co-Polymer on Nylon Support (Hydrophobic-Oleophobic)
Connection thread	: Metric (EN 60423)
Protection class	: IP68
Temperature range	: -20 °C +100 °C -30 +150 °C (short term)

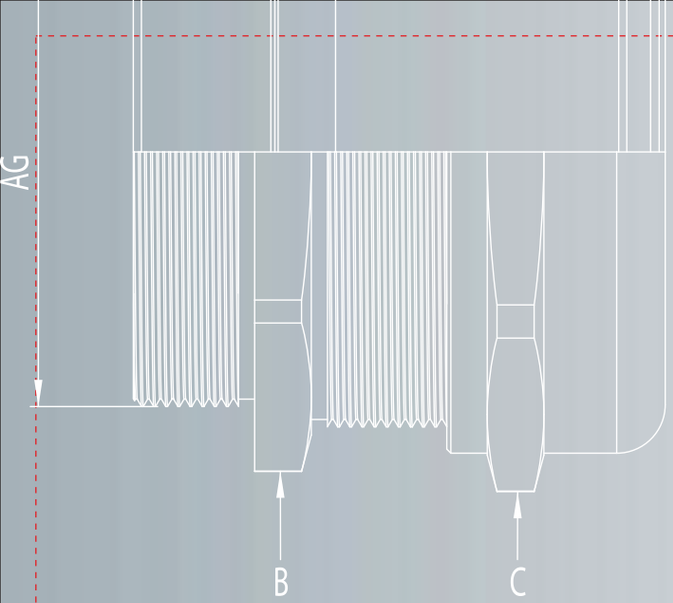
Benefits
- Balance the pressure inside and outside of your systems
- Prevents corrosion and water condensation inside the enclosure
- Extend the life time of your product
- Various air flows
- Easy to assemble
- High chemical resistance

Applications
- Industrial and electronic applications
- Wind & Solar applications
- Lighting Industry, Food & Beverage Industry
- Automotive & Automation technology
- Railway industry

VENTILATION PLUGS

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm	GL mm		Thread Diameter mm	Hole Diameter mm	Average Air Flow l/H	Water Intrusion bar
M 4 x 0,70	OMSVP4S	10	3	12	4	4,2	6	0,1
M 4 x 0,70	OMSVP4M	10	3	12	4	4,2	9	0,1
M 4 x 0,70	OMSVP4H	10	3	12	4	4,2	45	0,1
M 4 x 0,70	OMSVP4UH	10	3	12	4	4,2	105	0,1
M 8 x 1,25	OMSVP8S	13	6	12	8	8,2	6	0,1
M 8 x 1,25	OMSVP8M	13	6	12	8	8,2	9	0,1
M 8 x 1,25	OMSVP8H	13	6	12	8	8,2	45	0,1
M 8 x 1,25	OMSVP8UH	13	6	12	8	8,2	105	0,1
M 10 x 1,5	OMSVP10S	13	6	12	10	10,2	6	0,1
M 10 x 1,5	OMSVP10M	13	6	12	10	10,2	9	0,1
M 10 x 1,5	OMSVP10H	13	6	12	10	10,2	45	0,1
M 10 x 1,5	OMSVP10UH	13	6	12	10	10,2	105	0,1
M 12 x 1,5	OMSVP01S	14	6	17	12	12,3	16	0,8
M 12 x 1,5	OMSVP01M	14	6	17	12	12,3	25	0,5
M 12 x 1,5	OMSVP01H	14	6	17	12	12,3	150	0,2
M 12 x 1,5	OMSVP01UH	14	6	17	12	12,3	300	0,1
M 12 x 1,5	OMSVP01SL	18	10	17	12	12,3	16	0,8
M 12 x 1,5	OMSVP01ML	18	10	17	12	12,3	25	0,5
M 12 x 1,5	OMSVP01HL	18	10	17	12	12,3	150	0,2
M 12 x 1,5	OMSVP01UHL	18	10	17	12	12,3	300	0,1



METAL CABLE GLANDS & ACCESSORIES





METAL CABLE GLANDS

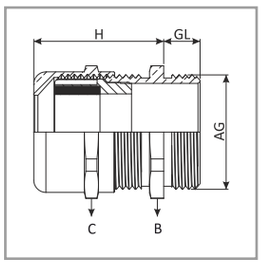
STANDARD TYPE BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN 60423)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C (short term)

Properties
Easy to assemble
Long thread versions
High strain relief



ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC THREAD CABLE GLANDS

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	OMBG 01	22	6	14	14	3 - 6,5
M 16 x 1,5	OMBG 02	23	7	18	17	4 - 8
M 20 x 1,5	OMBG 03RS	26,5	8	22	22	4 - 10
M 20 x 1,5	OMBG 03	26,5	8	22	22	6 - 12
M 25 x 1,5	OMBG 04	28	8	27	24	10 - 14
M 32 x 1,5	OMBG 05	31,5	9	34	30	13 - 18
M 40 x 1,5	OMBG 06	38	9	43	40	18 - 25
M 50 x 1,5	OMBG 07	43	9	55	50	22 - 32
M 63 x 1,5	OMBG 08	48	14	68	64	33 - 44

LONG METRIC CABLE GLANDS

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	OMBG 09	22	12	14	14	3 - 6,5
M 16 x 1,5	OMBG 10	23	12	18	17	4 - 8
M 20 x 1,5	OMBG 11RS	26,5	12	22	22	4 - 10
M 20 x 1,5	OMBG 11	26,5	12	22	22	6 - 12
M 25 x 1,5	OMBG 12	28	12	27	24	10 - 14
M 32 x 1,5	OMBG 13	31,5	14	34	30	13 - 18
M 40 x 1,5	OMBG 14	38	14	43	40	18 - 25
M 50 x 1,5	OMBG 15	43	14	55	50	22 - 32
M 63 x 1,5	OMBG 16	48	18	70	64	33 - 44

IP 68

Halogen free

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

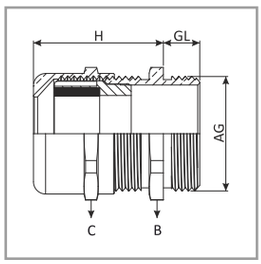
STANDARD TYPE BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C (short term)

Properties
Easy to assemble
Long thread versions
High strain relief



ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

PG THREAD CABLE GLANDS

IP 68

Halogen free

AG Thread	Code	H mm	GL mm	mm	mm
PG 7	OPBG 01	22	6	14	3 - 6,5
PG 9	OPBG 02	23	6	17	4 - 8
PG 11	OPBG 03	24,5	6	20	5 - 10
PG 13,5	OPBG 04RS	26,5	6,5	22	4 - 10
PG 13,5	OPBG 04	26,5	6,5	22	6 - 12
PG 16	OPBG 05	28	6,5	24	10 - 14
PG 21	OPBG 06	31,5	7	30	13 - 18
PG29	OPBG 07	38	8	40	18 - 25
PG36	OPBG 08	43	10	50	22 - 32
PG42	OPBG 09	47	12	57	30 - 38
PG48	OPBG 10	48	14	64	33 - 44

LONG PG CABLE GLANDS

PG 7	OPBG 11	22	10	14	3 - 6,5
PG 9	OPBG 12	23	10	17	4 - 8
PG 11	OPBG 13	24,5	10	20	5 - 10
PG 13,5	OPBG 14RS	26,5	10	22	4 - 10
PG 13,5	OPBG 14	26,5	10	22	6 - 12
PG 16	OPBG 15	28	10	24	10 - 14
PG 21	OPBG 16	31,5	12	30	13 - 18
PG29	OPBG 17	38	12	40	18 - 25
PG36	OPBG 18	43	14	50	22 - 32
PG42	OPBG 19	47	18	60	30 - 38
PG48	OPBG 20	48	18	65	33 - 44



METAL CABLE GLANDS

REDUCED / EXPANDED BRASS

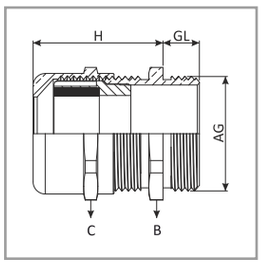
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties

Wide cable clamping range
Easy to assemble
Long thread versions
High strain relief



ETANJ PİRİNÇ RAKOR
(ÖZEL SIKMA ÇAPLI)

Hammaddesi	: Pirinç, nikel kaplı
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C (-40°C +150°C)
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

IP 68

Halogen free

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	OMBG 01/02	23	6	17	17	4 -8
M 16 x 1,5	OMBG 02/03	24,5	7	20	20	5 -10
M 16 x 1,5	OMBG 02/04	26,5	7	22	22	6 - 12
M 20 x 1,5	OMBG 03/05	28	8	24	24	10 - 14
M 25 x 1,5	OMBG 04/04	26,5	8	27	22	6- 12
M 25 x 1,5	OMBG 04ES	31,5	8	30	30	9 - 17
M 25 x 1,5	OMBG 04/06	31,5	8	30	30	13 - 18
M 32 x 1,5	OMBG 05/07	38	9	40	40	18 - 25
M 40 x 1,5	OMBG 06/08	43	9	50	50	22 - 32
M 50 x 1,5	OMBG 07/09	47	9	60	60	30 - 38
M 50 x 1,5	OMBG 07/10	48	9	65	65	33 - 44
PG 7	OPBG 01/02	23	6	17		4 - 8
PG 9	OPBG 02/03	24,5	6	20		5 - 10
PG 9	OPBG 02/04	26,5	6	22		6 - 12
PG 11	OPBG 03/04	26,5	6	22		6 - 12
PG 11	OPBG 03/05	28	6	24		10 - 14
PG 13,5	OPBG 04/05	28	6,5	24		10 - 14
PG 16	OPBG 05/06	31,5	6,5	30		13 - 18
PG 21	OPBG 06RS	31,5	7	30		9 - 17
PG 29	OPBG 07/08	43	8	50		22 - 32
PG 36	OPBG 08/09	47	10	60		30 - 38
PG 42	OPBG 09/10	48	12	65		33 - 44

* Long thread versions are also available.
* Other alternatives on request.

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

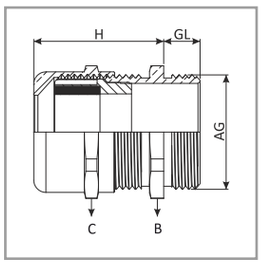
STANDARD TYPE NPT BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
Easy to assemble
Long thread versions
High strain relief



ETANJ NPT DİŞ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi NPT	: ANSI B1.20.1
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

NPT THREAD CABLE GLANDS

IP 68

Halogen free

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
1/4"	ONBG 01	22	11,5	14	14	3 - 6,5
3/8"	ONBG 02/ 01	22	11,5	18	14	3 - 6,5
3/8"	ONBG 02	23	11,5	18	17	4 - 8
3/8"	ONBG 02/03	24,5	11,5	20	20	5 - 10
1/2"	ONBG 03RS	26,5	13	22	22	4 - 10
1/2"	ONBG 03	26,5	13	22	22	6 - 12
1/2"	ONBG 03/05	28	13	24	24	10 - 14
3/4"	ONBG 04	28	13	27	24	10 - 14
3/4"	ONBG 04ES	31,5	13	30	30	9 - 17
3/4"	ONBG 04/06	31,5	13	30	30	13 - 18
1"	ONBG 05RS	31,5	13	34	30	9 - 17
1"	ONBG 05	31,5	13	34	30	13 - 18
1"	ONBG 05/07	38	13	40	40	18 - 25
11/4"	ONBG 06	38	15	43	40	18 - 25
11/2"	ONBG 07	43	15	50	50	22 - 32
2"	ONBG 08	48	15	65	64	33 - 44
2"	ONBG 09	48	15	70	75	45 - 50
21/2"	ONBG 18s	48	20	75	75	45 - 55
21/2"	ONBG 18	58	20	90	90	50 - 63
3"	ONBG 19s	58	20	90	90	50 - 63
3"	ONBG 19	61	20	100	100	60 - 70

* Other sizes on request.

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

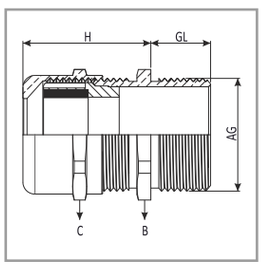
STANDARD TYPE BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
Easy to assemble
High strain relief



ÖZEL UZUN DİŞ ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	OMBGL 01	22	25	14	14	3 - 6,5
M 16 x 1,5	OMBGL 02	23	25	18	17	4 - 8
M 20 x 1,5	OMBGL 03	26,5	25	22	22	6 - 12
M 25 x 1,5	OMBGL 04	28	25	27	24	10 - 14
M 32 x 1,5	OMBGL 05	31,5	25	34	30	13 - 18
M 40 x 1,5	OMBGL 06	38	25	43	40	18 - 25
PG 7	OPBGL 01	22	25	14		3 - 6,5
PG 9	OPBGL 02	23	25	17		4 - 8
PG 11	OPBGL 03	24,5	25	20		5 - 10
PG 13,5	OPBGL 04	26,5	25	22		6 - 12
PG 16	OPBGL 05	28	25	24		10 - 14
PG 21	OPBGL 06	31,5	25	30		13 - 18
PG29	OPBGL 07	38	25	40		18 - 25

IP 68

Halogen free

ORTAC STAINLESS STEEL CABLE GLANDS SERIES



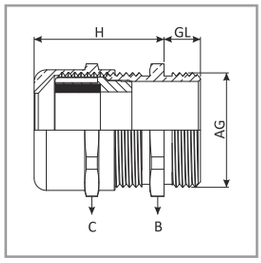
METAL CABLE GLANDS
STAINLESS STEEL

TECHNICAL DETAILS

Material

Cap nut	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
O-ring	: NBR
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
High corrosion resistance
Smooth surfaces
Easy to assemble
Food, Pharmaceutical industry and On-Off shore applications



PASLANMAZ ÇELİK ETANJ RAKOR

Hammaddesi	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	OMSG 01	22	6	14	14	3 - 6,5
M 16 x 1,5	OMSG 02	23	7	18	17	4 - 8
M 20 x 1,5	OMSG 03RS	26,5	8	22	22	4 - 10
M 20 x 1,5	OMSG 03	26,5	8	22	22	6 - 12
M 25 x 1,5	OMSG 04	28	8	27	24	10 - 14
M 32 x 1,5	OMSG 05	31,5	9	36	30	13 - 18
M 40 x 1,5	OMSG 06	38	9	46	41	18 - 25
M 50 x 1,5	OMSG 07	43	9	55	50	22 - 32
M 63 x 1,5	OMSG 08	48	14	70	65	33 - 44
PG 7	OPSG 01	22	6	14		3 - 6,5
PG 9	OPSG 02	23	6	17		4 - 8
PG 11	OPSG 03	24,5	6	22		5 - 10
PG 13,5	OPSG 04RS	26,5	6,5	22		4 - 10
PG 13,5	OPSG 04	26,5	6,5	22		6 - 12
PG 16	OPSG 05	28	6,5	24		10 - 14
PG 21	OPSG 06	31,5	7	30		13 - 18
PG29	OPSG 07	38	8	41		18 - 25
PG36	OPSG 08	43	10	50		22 - 32
PG42	OPSG 09	47	12	60		30 - 38
PG48	OPSG 10	48	14	65		33 - 44

IP 68
Halogen free

* Long thread versions are also available.

ORTAC STAINLESS STEEL CABLE GLANDS SERIES



METAL CABLE GLANDS

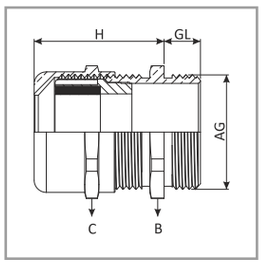
REDUCED / EXPANDED STAINLESS STEEL

TECHNICAL DETAILS

Material

Cap nut	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
O-ring	: NBR
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
High corrosion resistance
Smooth surfaces
Easy to assemble
Food, Pharmaceutical industry and On-Off shore applications



PASLANMAZ ÇELİK ETANJ RAKOR

Hammaddesi	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

IP 68

Halogen free

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	OMSG 01/02	23	6	17	17	4 -8
M 16 x 1,5	OMSG 02/03	24,5	7	22	22	5 -10
M 16 x 1,5	OMSG 02/04	26,5	7	22	22	6 - 12
M 20 x 1,5	OMSG 03/05	28	8	24	24	10 - 14
M 25 x 1,5	OMSG 04/04	26,5	8	27	22	6- 12
M 25 x 1,5	OMSG 04ES	31,5	8	30	30	9 - 17
M 25 x 1,5	OMSG 04/06	31,5	8	30	30	13 - 18
M 32 x 1,5	OMSG 05/07	38	9	41	41	18 - 25
M 40 x 1,5	OMSG 06/08	43	9	50	50	22 - 32
M 50 x 1,5	OMSG 07/09	47	9	60	60	30 - 38
M 50 x 1,5	OMSG 07/10	48	9	65	65	33 - 44
PG 7	OPSG 01/02	23	6	17		4 - 8
PG 9	OPSG 02/03	24,5	6	22		5 - 10
PG 9	OPSG 02/04	26,5	6	22		6 - 12
PG 11	OPSG 03/04	26,5	6	22		6 - 12
PG 11	OPSG 03/05	28	6	24		10 - 14
PG 13,5	OPSG 04/05	28	6,5	24		10 - 14
PG 16	OPSG 05/06	31,5	6,5	30		13 - 18
PG21	OPSG 06RS	31,5	7	30		9 - 17
PG29	OPSG 07/08	43	8	50		22 - 32
PG36	OPSG 08/09	47	10	60		30 - 38
PG42	OPSG 09/10	48	12	65		33 - 44

* Long thread versions are also available.
* Other alternatives on request.

ORTAC STAINLESS STEEL CABLE GLANDS SERIES



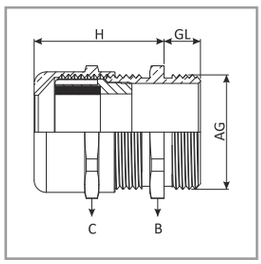
METAL CABLE GLANDS
NPT STAINLESS STEEL

TECHNICAL DETAILS

Material

Cap nut	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
High corrosion resistance
Smooth surfaces
Easy to assemble
Food, Pharmaceutical industry and On-Off shore applications



PASLANMAZ ÇELİK ETANJ RAKOR

Hammaddesi	: Stainless Steel (1.4305/AISI303-1.4404/AISI316L)
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi NPT	: NPT ANSI B1.20.1
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

NPT THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
1/4"	ONSG 01	22	11,5	14	14	3 - 6,5
3/8"	ONSG 02/01	22	11,5	18	14	3 - 6,5
3/8"	ONSG 02	23	11,5	18	17	4 - 8
3/8"	ONSG 02/03	24,5	11,5	22	22	5 - 10
1/2"	ONSG 03RS	26,5	13	22	22	4 - 10
1/2"	ONSG 03	26,5	13	22	22	6 - 12
1/2"	ONSG 03/05	28	13	24	24	10 - 14
3/4"	ONSG 04	28	13	27	24	10 - 14
3/4"	ONSG 04ES	31,5	13	30	30	9 - 17
3/4"	ONSG 04/06	31,5	13	30	30	13 - 18
1"	ONSG 05RS	31,5	13	36	30	9 - 17
1"	ONSG 05	31,5	13	36	30	13 - 18
1"	ONSG 05/07	38	13	41	41	18 - 25
11/4"	ONSG 06	38	15	46	41	18 - 25
11/2"	ONSG 07	43	15	50	50	22 - 32
2"	ONSG 08	48	15	65	65	33 - 44
2"	ONSG 09	48	15	70	75	45 - 50
21/2"	ONSG 18s	48	20	75	75	45 - 55
21/2"	ONSG 18	58	20	90	90	50 - 63
3"	ONSG 19s	58	20	90	90	50 - 63
3"	ONSG 19	61	20	100	100	60 - 70

IP 68
Halogen free

* Other sizes on request.



METAL CABLE GLANDS

MINI GLAND BRASS

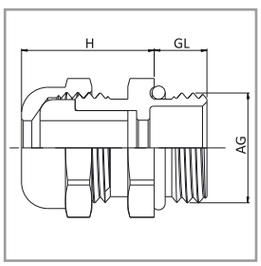
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Sealing ring	: TPV / Silicone / EPDM
Gland body	: Brass with nickel plated
O-ring	: NBR / TPV / Silicone / EPDM
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68 - 3 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties

Easy to assemble
Long thread versions
Appropriate to use in limited application areas
Lighting industry



MİNİ PİRİNÇ ETANJ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Conta	: TPV / Silicone / EPDM
Bağlantı dişi	: EN 60423 / DIN 40430
Koruma sınıfı	: IP68 - 3 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
O-ring	: TPV / Silicone / EPDM

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm	GL mm		mm
M 6 x 1,0	MGM6-23	10,5	6	8	2-3
M 8 x 1,25	MGM8s-35	15	6	11	3-5
M 8 x 1,25	MGM8-24	15	6	14	2-4
M 10 x 1,5	MGM10s-46	14,5	6	12	4-6
M 10 x 1,5	MGM10-24	15	6	14	2-4
M 10 x 1,5	MGM10-36	15	6	14	3-6
M 12 x 1,5	MGM12-24	15	6	14	2-4
M 12 x 1,5	MGM12-36	15	6	14	3-6
PG 7	MGP7-24	15	6	14	2-4
PG 7	MGP7-36	15	6	14	3-6
PG 9	MGP9-46	16,5	6	17	4-6
PG 9	MGP9-68	16,5	6	17	6-8

IP 68

Halogen free

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

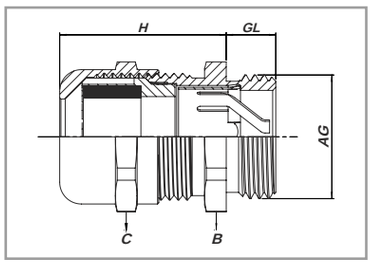
EMC TYPE BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Emc spring	: AISI301
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	:Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
Easy to assemble
For cables with shielding
Suitable for cables with and without inner sheath
Highly conductive



EMC TİP PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplamalı
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C
Conta	-40 °C + 150 °C
O-ring	: Termoplastik vulkanize TPV
	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD CABLE GLANDS

IP 68
Halogen free

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	OMBT 01	22	6	14	14	3 - 6,5
M 16 x 1,5	OMBT 02	23	7	18	17	4 - 8
M 20 x 1,5	OMBT 03	26,5	8	22	22	6 - 12
M 25 x 1,5	OMBT 04	28	8	27	24	10 - 14
M 32 x 1,5	OMBT 05	32,5	9	34	30	13 - 18
M 40 x 1,5	OMBT 06	38	9	43	40	18 - 25
M 50 x 1,5	OMBT 07	48	9	55	50	22 - 32
M 63 x 1,5	OMBT 08	53	14	68	64	34 - 44
PG 7	OPBT 01	22	6	14		3 - 6,5
PG 9	OPBT 02	23	6	17		4 - 8
PG 11	OPBT 03	26	6	20		5 - 10
PG 13,5	OPBT 04	26,5	6,5	22		6 - 12
PG 16	OPBT 05	28	6,5	24		10 - 14
PG 21	OPBT 06	32,5	7	30		13 - 18
PG29	OPBT 07	38	8	40		18 - 25
PG36	OPBT 08	48	9	50		22 - 32
PG42	OPBT 09	48	12	58		30 - 38
PG48	OPBT 10	52	14	64		34 - 44

* Long thread versions are also available.

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

STANDARD TYPE SILICONE SEAL

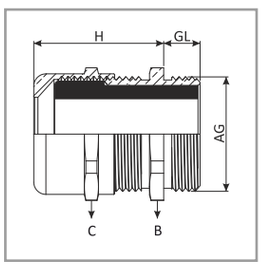
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Sealing ring	: Silicone
Gland body	: Brass with nickel plated
O-ring	: Silicone
Connection thread	:Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68 - 5 bar
Temperature range	: -60 °C +180 °C

Properties

High or low temperature resistance
Smooth surface
Easy to assemble



SİLİKON CONTALI ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -60 °C + 180 °C
Conta	: Silikon
O-ring	: Silikon

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

IP 68

Halogen free

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 12 x 1,5	MBGS 01	22	6	14	14	3 - 6,5
M 16 x 1,5	MBGS 02	23	7	18	17	4 - 8
M 20 x 1,5	MBGS 03	26,5	8	22	22	6 - 12
M 25 x 1,5	MBGS 04	28	8	27	24	10 - 14
M 32 x 1,5	MBGS 05	31,5	9	34	30	13 - 18
M 40 x 1,5	MBGS 06	38	9	43	40	18 - 25
M 50 x 1,5	MBGS 07	43	9	55	50	22 - 32
M 63 x 1,5	MBGS 08	48	14	68	64	34 - 44
PG 7	PBGS 01	22	6	14		3 - 6,5
PG 9	PBGS 02	23	6	17		4 - 8
PG 11	PBGS 03	24,5	6	20		5 - 10
PG 13,5	PBGS 04	26,5	6,5	22		6 - 12
PG 16	PBGS 05	28	6,5	24		10 - 14
PG 21	PBGS 06	31,5	7	30		13 - 18
PG29	PBGS 07	38	8	40		18 - 25
PG36	PBGS 08	43	10	50		22 - 32
PG42	PBGS 09	47	12	57		30 - 38
PG48	PBGS 10	48	14	64		34 - 44

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

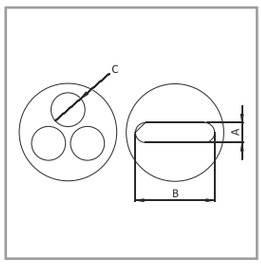
STANDARD TYPE / BRASS MULTIHOLE - FLATHOLE

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping Insert	: Polyamide PA6 V2
Sealing ring	: TPV (special seal for multi or flat cables)
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423)
Protection class	: IP65
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
For multi or flat cables
Easy to assemble



MULTİ ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Kablo Tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP65
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC THREAD CABLE GLANDS

IP 65
Halogen free

AG Thread	Code	Number of Holes	C mm
M 16 x 1,5	OMBG 02A3	2	3
M 16 x 1,5	OMBG 02B3	3	3
M 16 x 1,5	OMBG 02C3	4	3
M 20 x 1,5	OMBG 03A5	2	5
M 20 x 1,5	OMBG 03A6	2	6
M 20 x 1,5	OMBG 03B4	3	4
M 20 x 1,5	OMBG 03B5	3	5
M 25 x 1,5	OMBG 04A4	2	4
M 25 x 1,5	OMBG 04A7	2	7
M 25 x 1,5	OMBG 04B4	3	4
M 25 x 1,5	OMBG 04B6	3	6
M 25 x 1,5	OMBG 04C5	4	5
M 32 x 1,5	OMBG 05A8	2	8
M 32 x 1,5	OMBG 05A9	2	9
M 32 x 1,5	OMBG 05B7	3	7
M 32 x 1,5	OMBG 05B8	3	8
M 32 x 1,5	OMBG 05C7	4	7
M 32 x 1,5	OMBG 05G3	8	3
M 32 x 1,5	OMBG 05G4	8	4
M 32 x 1,5	OMBG 05D6	5	6
M 32 x 1,5	OMBG 05F4	9	4
M 32 x 1,5	OMBG 05A5	2	5
M 40 x 1,5	OMBG 06C9	4	9
M 40 x 1,5	OMBG 06O3	16	3
M 50 x 1,5	OMBG 07E8	6	8
FLATHOLE METRIC CABLE GLANDS		A / mm	B / mm
M 25 x 1,5	YMBG 06	7	13
M 32 x 1,5	YMBG 07	5	17
M 40 x 1,5	YMBG 08	8	22
M 50 x 1,5	YMBG 09	10	28
M 50 x 1,5	YMBG 10	5,5	28



METAL CABLE GLANDS

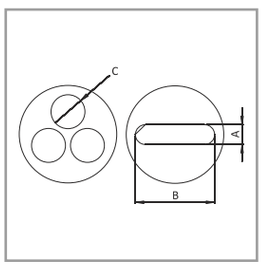
STANDARD TYPE / BRASS MULTIHOLE - FLATHOLE

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping Insert	: Polyamide PA6 V2
Sealing ring	: TPV (special seal for multi or flat cables)
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: PG (DIN40430)
Protection class	: IP65
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
For multi or flat cables
Easy to assemble



MULTİ ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Kablo Tutucu	: Polyamid PA6 V2
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP65
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

PG THREAD CABLE GLANDS

IP 65

Halogen free

AG Thread	Code	Number of Holes	C mm
PG 9	OPBG 02A3	2	3
PG 9	OPBG 02B3	3	3
PG 9	OPBG 02C3	4	3
PG 11	OPBG 03A4	2	4
PG 11	OPBG 03A5	2	5
PG 11	OPBG 03B4	3	4
PG 11	OPBG 03B5	3	5
PG 13,5	OPBG 04A5	2	5
PG 13,5	OPBG 04A6	2	6
PG 13,5	OPBG 04B4	3	4
PG 13,5	OPBG 04B5	3	5
PG 16	OPBG 05A4	2	4
PG 16	OPBG 05A7	2	7
PG 16	OPBG 05B4	3	7
PG 16	OPBG 05B6	3	6
PG 16	OPBG 05C5	4	5
PG 21	OPBG 06A8	2	8
PG 21	OPBG 06A9	2	9
PG 21	OPBG 06B7	3	7
PG 21	OPBG 06B8	3	8
PG 21	OPBG 06C7	4	7
PG 21	OPBG 06G3	8	3
PG 21	OPBG 06G4	8	4
PG 21	OPBG 06A5	2	5
PG 21	OPBG 06D6	5	6
PG 21	OPBG 06F4	9	4
PG 29	OPBG 07C9	4	9
PG 29	OPBG 07O3	16	3
PG 36	OPBG 08E8	6	8
FLATHOLE PG CABLE GLANDS		A / mm	B / mm
PG 16	YPBG 05	7	13
PG 21	YPBG 06	5	17
PG 29	YPBG 07	8	22
PG 36	YPBG 08	10	28
PG 36	YPBG 09	5,5	28
PG 42	YPBG 10	12	33

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

SPECIAL TYPE BRASS

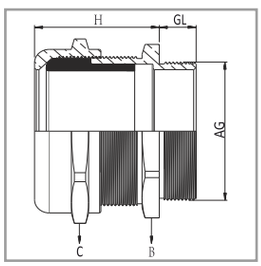
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Sealing ring	: EPDM
Gland body	: Brass with nickel plated
O-ring	: NBR - TPV
Connection thread	: Metric (EN60423)
Protection class	: IP68
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties

High impact and temperature resistance
Easy to assemble
Wide cable range
XL cables



ÖZEL BOY ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Koruma sınıfı	: IP68 - 5 bar
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: EPDM (Etilen-Propilen-Dien-Monomer)
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

SPECIAL TYPE CABLE GLANDS

AG Thread	Code	H mm	GL mm	B mm	C mm	mm
M 63 x 1,5	OMBG 17	48	15	70	75	45 - 55
M 75 x 1,5	OMBG 18s	48	20	85	75	45 - 55
M 75 x 1,5	OMBG 18	58	20	90	90	50 - 63
M 80 x 2,0	OMBG 1880	58	20	90	90	50 - 63
M 90 x 2,0	OMBG 19	61	20	100	100	60 - 70
2 ½"	ONBG 18s	48	20	85	75	45 - 55
2 ½"	ONBG 18	58	20	90	90	50 - 63
3"	ONBG 19	61	20	100	100	60 - 70

IP 68

Halogen free

* Special sizes available on request.



METAL CABLE GLANDS

SPIRAL TYPE BRASS

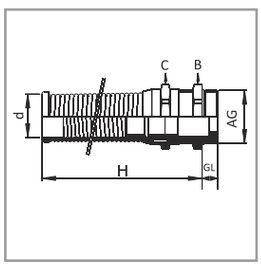
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Spiral top	: Stainless steel (1.4310/AISI302)
Clamping insert	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP68
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties

With spiral top for bend protection
For highly movable flexible cables
Easy to assemble
High strain relief



SPİRAL UÇLU ETANJ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Spiral yay hammaddesi	: Paslanmaz çelik (1.4310/AISI302)
Kablo tutucu	: Polyamid PA6 V2
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD CABLE GLANDS

IP 68

Halogen free

AG Thread	Code	H mm	GL mm	d mm	B mm	C mm	mm
M 12 x 1,5	STCG 01	55	6	6,8	14	14	3 - 6,5
M 16 x 1,5	STCG 02	66	7	8,4	18	17	4 - 8
M 20 x 1,5	STCG 03	88	8	12,3	22	22	6 - 12
M 25 x 1,5	STCG 04	98	8	14,3	27	24	10 - 14
M 32 x 1,5	STCG 05	111	9	18,4	34	30	13 - 18
LONG METRIC SPIRAL CABLE GLANDS							
M 12 x 1,5	STCGL 01	55	12	6,8	14	14	3 - 6,5
M 16 x 1,5	STCGL 02	66	12	8,4	18	17	4 - 8
M 20 x 1,5	STCGL 03	88	12	12,3	22	22	6 - 12
M 25 x 1,5	STCGL 04	98	12	14,3	27	24	10 - 14
M 32 x 1,5	STCGL 05	111	14	18,4	34	30	13 - 18
PG 7	STPG 01	55	6	6,8	14		3 - 6,5
PG 9	STPG 02	66	6	8,4	17		4 - 8
PG 11	STPG 03	77	6	10,3	20		5 - 10
PG 13,5	STPG 04	88	6,5	12,3	22		6 - 12
PG 16	STPG 05	98	6,5	14,3	24		10 - 14
PG 21	STPG 06	111	7	18,4	30		13 - 18
LONG PG SPIRAL CABLE GLANDS							
PG 7	STPGL 01	55	10	6,8	14		3 - 6,5
PG 9	STPGL 02	66	10	8,4	17		4 - 8
PG 11	STPGL 03	77	10	10,3	20		5 - 10
PG 13,5	STPGL 04	88	10	12,3	22		6 - 12
PG 16	STPGL 05	98	10	14,3	24		10 - 14
PG 21	STPGL 06	111	12	18,4	30		13 - 18

ORTAC METAL CABLE GLANDS SERIES



A2 METAL CABLE GLANDS

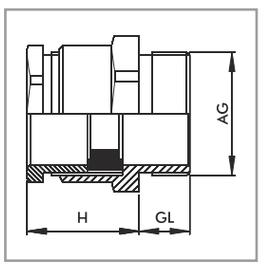
FLAT TYPE BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Sealing ring	: EPDM
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423)/PG (DIN 40430)
Protection class	: IP54
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
Easy to assemble
High mechanical stability
Optimum strain relief



DÜZ TİP PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP54
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

METRIC/PG THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

IP 54

Halogen free

AG Thread	Code	H mm	GL mm	mm	mm
M 12 x 1,5	DOMRN 01	16	5	14	3,5 - 6
M 16 x 1,5	DOMRN 02	17	5	18	4,5 - 7
M 20 x 1,5	DOMRN 03	19	6	22	9 - 12
M 25 x 1,5	DOMRN 04	20,5	7	27	11 - 14
M 32 x 1,5	DOMRN 05	22,5	8	34	14 - 18
M 40 x 1,5	DOMRN 06	25	8	45	18 - 25
M 50 x 1,5	DOMRN 07	30	9	55	25 - 32
M 63 x 1,5	DOMRN 08	47	15	70	38 - 44
M 63 x 1,5	DOMRN 09	47	15	70	40 - 49
PG 7	DOPRN 01	16	5	14	3,5 - 6
PG 9	DOPRN 02	17	6	17	4,5 - 7
PG 11	DOPRN 03	18	6	20	6 - 9
PG 13,5	DOPRN 04	19	6,5	22	9 - 12
PG 16	DOPRN 05	20,5	6,5	24	11 - 14
PG 21	DOPRN 06	22,5	7	30	14 - 18
PG 29	DOPRN 07	25	8	40	18 - 25
PG 36	DOPRN 08	30	8	50	25 - 32
PG 42	DOPRN 09	34	9	60	30 - 38
PG 48	DOPRN 10	47	15	70	38 - 44
PG 48	DOPRN 11	47	15	70	40 - 49

ORTAC METAL CABLE GLANDS SERIES



METAL CABLE GLANDS

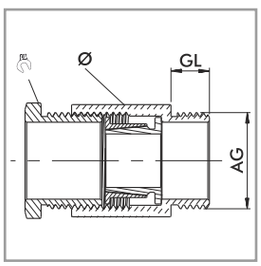
FOR ARMOURED CABLES BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Ring	: Brass with nickel plated
Compression part	: Brass with nickel plated
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423)
Protection class	: IP54
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
Ship building
Off shore
Wind power plant
For armoured cables
Wide cable range



VG TİP TOPRAKLAMALI RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Koruma sınıfı	: IP54
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
O-ring	: Nitril kauçuk
Norm	: VG 88812 VG 88773
Gövde Din normu	: 89280

METRIC THREAD CABLE GLANDS

PRODUCT RANGE OVERVIEW

IP 54

AG Thread	Code	GL mm	Ø mm	mm	mm
M 16 x 1,5	MACG16A	9	20	20	10,5
M 18 x 1,5	MACG18A	10	22	22	11,5
M 18 x 1,5	MACG18B	10	22	22	11,5 - 12,5
M 24 x 1,5	MACG24A	11	28	27	11,5
M 24 x 1,5	MACG24B	11	28	27	11,5 - 13,5
M 24 x 1,5	MACG24C	11	28	27	13,5 - 16,5
M 30 x 2,0	MACG30A	12	35	32	16,5 - 18
M 30 x 2,0	MACG30B	12	35	32	18 - 19,5
M 30 x 2,0	MACG30C	12	35	32	19,5 - 20,5
M 36 x 2,0	MACG36A	13	40	40	20,5 - 22,5
M 36 x 2,0	MACG36B	13	40	40	22,5 - 25,5
M 45 x 2,0	MACG45A	14	50	50	25,5 - 27,5
M 45 x 2,0	MACG45B	14	50	50	27,5 - 31,5
M 56 x 2,0	MACG56A	15	62	60	31,5 - 34
M 56 x 2,0	MACG56B	15	62	60	34 - 37,5
M 56 x 2,0	MACG56C	15	62	60	37,5 - 41
M 72 x 2,0	MACG72A	16	78	75	41 - 46
M 72 x 2,0	MACG72B	16	78	75	46 - 50,5

ORTAC METAL CABLE GLANDS SERIES



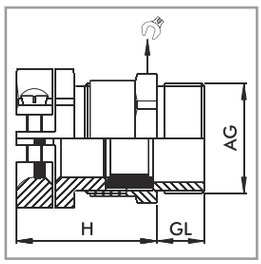
METAL CABLE GLANDS
WITH TRACTION RELIEF BRASS

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Sealing ring	: TPV
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP55
Temperature range	: -20 °C +100 °C -40 °C +150 °C

Properties
High strain relief
High mechanical stability
Building sites
Plant engineering
Electric motor manufacturing



KELEPÇELİ PİRİNÇ RAKOR

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP55
Isıya direnci	: -20 °C + 100 °C -40 °C + 150 °C
Conta	: Termoplastik vulkanize TPV
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD CABLE GLANDS

IP 55
Halogen free

AG Thread	Code	H mm	GL mm	mm	mm
M 12 x 1,5	OKMRN 01	22	5	14	3,5 - 6
M 16 x 1,5	OKMRN 02	25	5	18	4,5 - 7
M 20 x 1,5	OKMRN 03	26,5	6	22	9 - 12
M 25 x 1,5	OKMRN 04	32	7	27	11 - 14
M 32 x 1,5	OKMRN 05	35	8	34	14 - 18
M 40 x 1,5	OKMRN 06	41	8	45	18 - 25
M 50 x 1,5	OKMRN 07	44	9	55	25 - 32
M 63 x 1,5	OKMRN 08	59	15	70	38 - 44
M 63 x 1,5	OKMRN 09	59	15	70	40 - 49
PG 7	OKPRN 01	22	5	14	3,5 - 6
PG 9	OKPRN 02	25	6	17	4,5 - 7
PG 11	OKPRN 03	26	6	20	6 - 9
PG 13,5	OKPRN 04	26,5	6,5	22	9 - 12
PG 16	OKPRN 05	28	6,5	24	11 - 14
PG 21	OKPRN 06	32	7	30	14 - 18
PG 29	OKPRN 07	35	8	40	18 - 25
PG 36	OKPRN 08	41	8	50	25 - 32
PG 42	OKPRN 09	44	9	60	30 - 38
PG 48	OKPRN 10	59	15	70	38 - 44
PG 48	OKPRN 11	59	15	70	40 - 49



METAL BLIND STOPS

BRASS

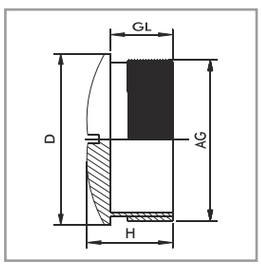
TECHNICAL DETAILS

Material

Screw plug	: Brass with nickel plated
Sealing ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP68
Temperature range	: -40 °C +100 °C

Properties

For unused threaded holes
Assembling with screwdriver
Machine and equipment manufacturing
Electric motor manufacturing



PİRİNÇ KÖRTAPA

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68
O-ring	: Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD BLIND STOPS

IP 68

AG Thread	Code	H mm	GL mm	D mm
M 12 x 1,5	OMBK 01	7,5	5	14
M 16 x 1,5	OMBK 02	8	5	18
M 20 x 1,5	OMBK 03	9,5	6,5	22
M 25 x 1,5	OMBK 04	11	7	28
M 32 x 1,5	OMBK 05	12	8	35
M 40 x 1,5	OMBK 06	13	8,5	44
M 50 x 1,5	OMBK 07	15	9	54
M 63 x 1,5	OMBK 08	16	10	67
PG 7	OPBK 01	8	5	14
PG 9	OPBK 02	9	6	17
PG 11	OPBK 03	9	6	20
PG 13,5	OPBK 04	9,5	6,5	22
PG 16	OPBK 05	9,5	6,5	24
PG 21	OPBK 06	11	7	30
PG 29	OPBK 07	12	8	39
PG 36	OPBK 08	15	9	50
PG 42	OPBK 09	16	10	57
PG 48	OPBK 10	16	10	64

ORTAC METAL ACCESSORIES



METAL LOCK NUTS

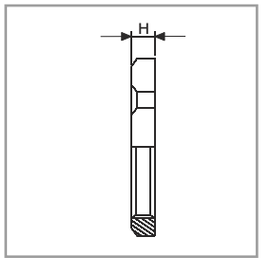
BRASS

TECHNICAL DETAILS

Material

Hexagonal locknut	: Brass with nickel plated
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Temperature range	: -60 °C +200 °C

Properties
For tightening of cable glands



PİRİNÇ SOMUN

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430

METRIC/PG THREAD LOCK NUTS

PRODUCT RANGE OVERVIEW

AG Thread	Code	H mm	mm
M 12 x 1,5	OMBL 01	2,8	15
M 16 x 1,5	OMBL 02	3	19
M 20 x 1,5	OMBL 03	3,5	24
M 25 x 1,5	OMBL 04	3,5	30
M 32 x 1,5	OMBL 05	4	36
M 40 x 1,5	OMBL 06	4	45
M 50 x 1,5	OMBL 07	5	55
M 63 x 1,5	OMBL 08	5	68
PG 7	OPBL 01	2,8	15
PG 9	OPBL 02	2,8	18
PG 11	OPBL 03	3	21
PG 13,5	OPBL 04	3	23
PG 16	OPBL 05	3	26
PG 21	OPBL 06	3,5	32
PG 29	OPBL 07	4	40
PG 36	OPBL 08	5	50
PG 42	OPBL 09	5	60
PG 48	OPBL 10	5,5	64



METAL LOCK NUTS

STAINLESS STEEL

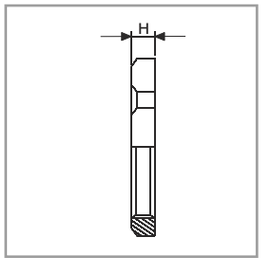
TECHNICAL DETAILS

Material

Hexagonal locknut	: Stainless steel AISI303/AISI316L
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Temperature range	: -60 °C +200 °C

Properties

For tightening of stainless steel cable glands



PASLANMAZ SOMUN

Hammaddesi	: Paslanmaz çelik
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD LOCK NUTS

AG Thread	Code	H mm	mm
M 12 x 1,5	OMSL 01	2,8	15
M 16 x 1,5	OMSL 02	3	19
M 20 x 1,5	OMSL 03	3,5	24
M 25 x 1,5	OMSL 04	3,5	30
M 32 x 1,5	OMSL 05	4	36
M 40 x 1,5	OMSL 06	4	46
M 50 x 1,5	OMSL 07	5	55
M 63 x 1,5	OMSL 08	5	70
PG 7	OPSL 01	2,8	15
PG 9	OPSL 02	2,8	18
PG 11	OPSL 03	3	22
PG 13,5	OPSL 04	3	24
PG 16	OPSL 05	3	27
PG 21	OPSL 06	3,5	32
PG 29	OPSL 07	4	41
PG 36	OPSL 08	5	50
PG 42	OPSL 09	5	60
PG 48	OPSL 10	5,5	65

ORTAC METAL ACCESSORIES



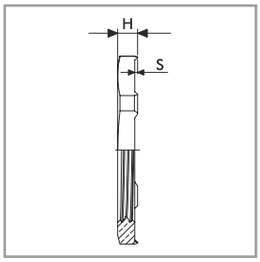
EMC METAL LOCK NUTS
BRASS / STAINLESS STEEL

TECHNICAL DETAILS

Material
Hexagonal locknut : Brass with nickel plated
Stainless steel AISI303/AISI316L

Connection thread : Metric (EN60423) / PG (DIN 40430)
Temperature range : -60 °C +200 °C

Properties
For tightening of
EMC cable glands



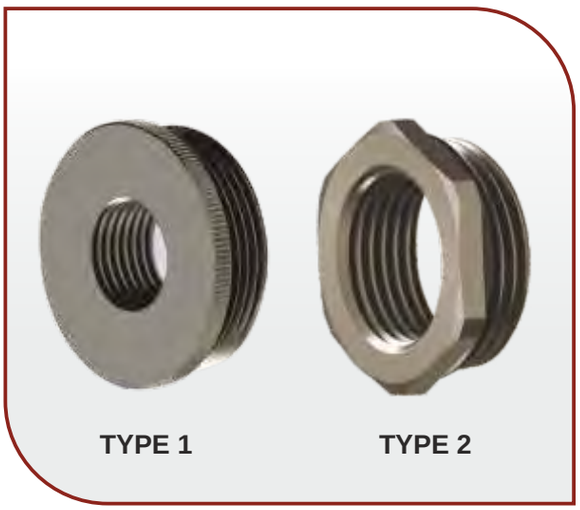
EMC SOMUN

Hammaddesi : Pirinç, nikel kaplı / paslanmaz çelik
Bağlantı dişi M : EN 60423
Bağlantı dişi PG : DIN 40430

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD LOCK NUTS

AG Thread	Brass Code	Stainless steel Code	H mm	S mm	mm
M 12 x 1,5	OMBLT 01	OMSLT 01	3,3	0,5	15
M 16 x 1,5	OMBLT 02	OMSLT 02	3,5	0,5	19
M 20 x 1,5	OMBLT 03	OMSLT 03	3,5	0,5	24
M 25 x 1,5	OMBLT 04	OMSLT 04	3,5	0,5	30
M 32 x 1,5	OMBLT 05	OMSLT 05	4,0	0,5	36
M 40 x 1,5	OMBLT 06	OMSLT 06	4,6	0,6	45
M 50 x 1,5	OMBLT 07	OMSLT 07	5,6	0,6	55
M 63 x 1,5	OMBLT 08	OMSLT 08	6,7	0,7	70
M 75 x 1,5	OMBLT 09	OMSLT 09	8,0	1,0	85
PG 7	OPBLT 01	OPSLT 01	3,3	0,5	15
PG 9	OPBLT 02	OPSLT 02	3,3	0,5	18
PG 11	OPBLT 03	OPSLT 03	3,5	0,5	21
PG 13,5	OPBLT 04	OPSLT 04	3,5	0,5	23
PG 16	OPBLT 05	OPSLT 05	3,5	0,5	26
PG 21	OPBLT 06	OPSLT 06	4,0	0,5	32
PG 29	OPBLT 07	OPSLT 07	4,6	0,6	40
PG 36	OPBLT 08	OPSLT 08	5,6	0,6	50
PG 42	OPBLT 09	OPSLT 09	5,6	0,6	60
PG 48	OPBLT 10	OPSLT 10	6,1	0,6	65



METAL REDUCERS

BRASS

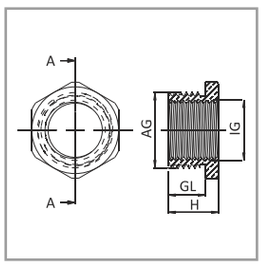
TECHNICAL DETAILS

Material

Reducer	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP68
Temperature range	: -40 °C +100 °C

Properties

Enable use cable glands with smaller connection threads than the existing threaded holes



PİRİNÇ REDÜKSİYON

Hammaddesi	: Pirinç, nikel kaplı
Bağlantı dişi M	: EN 60423
Bağlantı dişi PG	: DIN 40430
Koruma sınıfı	: IP68
O-ring	: Nitril kauçuk

METRIC/PG THREAD REDUCER

PRODUCT RANGE OVERVIEW

IP 68

AG Thread	Code	IG mm	H mm	GL mm	Type 1 Ø mm	Type 2 mm
M 16 x 1,5	M16RM12	M 12 x 1,5	9	6	18	18
M 20 x 1,5	M20RM12	M 12 x 1,5	9	6	24	22
M 20 x 1,5	M20RM16	M 16 x 1,5	9	6	24	22
M 25 x 1,5	M25RM16	M 16 x 1,5	10	7	30	27
M 25 x 1,5	M25RM20	M 20 x 1,5	10	7	30	27
M 32 x 1,5	M32RM16	M 16 x 1,5	11	8	35	34
M 32 x 1,5	M32RM20	M 20 x 1,5	11	8	35	34
M 32 x 1,5	M32RM25	M 25 x 1,5	11	8	35	34
M 40 x 1,5	M40RM20	M 20 x 1,5	12	8	45	45
M 40 x 1,5	M40RM25	M 25 x 1,5	12	8	45	45
M 40 x 1,5	M40RM32	M 32 x 1,5	12	8	45	45
M 50 x 1,5	M50RM25	M 25 x 1,5	14	10	55	55
M 50 x 1,5	M50RM32	M 32 x 1,5	14	10	55	55
M 50 x 1,5	M50RM40	M 40 x 1,5	14	10	55	55
M 63 x 1,5	M63RM32	M 32 x 1,5	14	10	68	65
M 63 x 1,5	M63RM40	M 40 x 1,5	14	10	68	65
M 63 x 1,5	M63RM50	M 50 x 1,5	14	10	68	65
PG 9	P9RP7	PG 7	9	6	17	17
PG 11	P11RP7	PG 7	9	6	20	20
PG 11	P11RP9	PG 9	9	6	20	20
PG 13,5	P13,5RP9	PG 9	9,5	6,5	22	22
PG 13,5	P13,5RP11	PG 11	9,5	6,5	-	22
PG 16	P16RP9	PG 9	9,5	6,5	24	24
PG 16	P16RP11	PG 11	9,5	6,5	24	24
PG 16	P16RP13,5	PG 13,5	9,5	6,5	-	24
PG 21	P21RP11	PG 11	11	7	30	30
PG 21	P21RP13,5	PG 13,5	11	7	30	30
PG 21	P21RP16	PG 16	11	7	30	30
PG 29	P29RP16	PG 16	12	8	40	40
PG 29	P29RP21	PG 21	12	8	40	40
PG 36	P36RP21	PG 21	13	9	50	50
PG 36	P36RP29	PG 29	13	9	50	50
PG 42	P42RP29	PG 29	14	10	59	60
PG 42	P42RP36	PG 36	14	10	59	60
PG 48	P48RP36	PG 36	14	10	64	65
PG 48	P48RP42	PG 42	14	10	64	65



METAL ENLARGERS

METRIC-METRIC / PG-PG BRASS

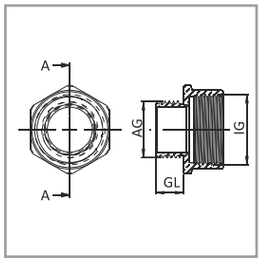
TECHNICAL DETAILS

Material

Enlarger	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN 60423) / PG (DIN40430)
Protection class	: IP68
Temperature range	: -40 °C +100 °C

Properties

Enable use of cable glands with bigger connection threads than the existing threaded holes



BÜYÜTÜCÜ PİRİNÇ REDÜKSİYON

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
O-ring	:	Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD ENLAGERS

AG Thread	Code	IG mm	GL mm	mm
M 12 x 1,5	M12EM16	M 16 x 1,5	6	18
M 16 x 1,5	M16EM20	M 20 x 1,5	6	22
M 20 x 1,5	M20EM25	M 25 x 1,5	6	27
M 25 x 1,5	M25EM32	M 32 x 1,5	7	34
M 32 x 1,5	M32EM40	M 40 x 1,5	8	45
M 40 x 1,5	M40EM50	M 50 x 1,5	8	55
M 50 x 1,5	M50EM63	M 63 x 1,5	10	70
PG 7	P7EP9	PG 9	6	18
PG 9	P9EP11	PG 11	6	21
PG 11	P11EP13,5	PG 13,5	6	23
PG 13,5	P13,5EP16	PG 16	6	25
PG 16	P16EP21	PG 21	7	32
PG 21	P21EP29	PG 29	7	42
PG 29	P29EP36	PG 36	8	50
PG 36	P36EP42	PG 42	9	60
PG 42	P42EP48	PG 48	10	65



METAL ADAPTERS

METRIC-PG / PG-METRIC BRASS

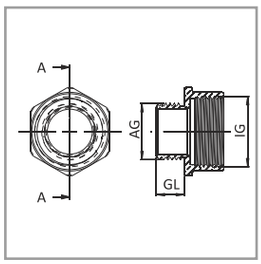
TECHNICAL DETAILS

Material

Adapter	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN 60423) / PG (DIN40430)
Protection class	: IP68
Temperature range	: -40 °C +100 °C

Properties

Adapter from metric outer thread to PG inner thread
Enable use of PG accessories in metric threads



PİRİNÇ ADAPTÖR

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
O-ring	:	Nitril kauçuk

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD ADAPTERS

AG Thread	Code	IG mm	GL mm	mm
M 12 x 1,5	M12AP7	PG 7	6	14
M 12 x 1,5	M12AP9	PG 9	6	17
M 16 x 1,5	M16AP11	PG 11	6	21
M 20 x 1,5	M20AP11	PG 11	6	22
M 20 x 1,5	M20AP13,5	PG 13,5	6	23
M 25 x 1,5	M25AP16	PG 16	7	27
M 25 x 1,5	M25AP21	PG 21	7	32
M 32 x 1,5	M32AP29	PG 29	8	42
M 40 x 1,5	M40AP29	PG 29	8	45
M 50 x 1,5	M50AP36	PG 36	10	55
M 50 x 1,5	M50AP42	PG 42	10	60
M 63 x 1,5	M63AP48	PG 48	10	65
PG 7	P7AM12	M 12 x 1,5	6	14
PG 9	P9AM16	M 16 x 1,5	6	19
PG 11	P11AM16	M 16 x 1,5	6	21
PG 13,5	P13,5AM20	M 20 x 1,5	6	23
PG 16	P16AM20	M 20 x 1,5	7	25
PG 16	P16AM25	M 25 x 1,5	7	28
PG 21	P21AM25	M 25 x 1,5	7	30
PG 21	P21AM32	M 32 x 1,5	7	35
PG 29	P29AM40	M 40 x 1,5	8	45
PG 36	P36AM50	M 50 x 1,5	9	55
PG 42	P42AM63	M 63 x 1,5	10	70

ORTAC Ex

CABLE GLANDS & ACCESSORIES

ESTABLISH SAFETY CONNECTION IN HAZARDOUS AREAS



ORTAC Ex

PART NUMBERING

W	Without Certification (Industrial)	
DCG	Name of Gland	
B	Brass	
N	Nickel Plating	
Sa	AISI303 Stainless Steel	
Sb	AISI304 Stainless Steel	
Sc	AISI316L Stainless Steel	
A	Aluminium	
1	TPV Seal (-30 / +100 °C)	
	PA6 V0 Washer (-40 / +100 °C)	1a
	PA6 V0 Upper Washer (-40 / +100 °C)	
2	NBR Seal (-30 / +100 °C)	
	PA6 V0 Washer (-40 / +100 °C)	2a
	PA6 V0 Upper Washer (-40 / +100 °C)	
3	Neoprene Seal (-40 / +100 °C)	
	PA6 V0 Washer (-40 / +100 °C)	3a 3a2
	PA6 V0 Upper Washer (-40 / +100 °C)	
4	Silicone Seal (-60 / +180 °C)	
	Silicone Washer (-60 / +180 °C)	4a
	Teflon Upper Silicone (-200 / +260 °C)	
*	Cable Dia.	
**	Thread Type	
K	Kit (Earth Tag + PVC Shroud (t) TPV Shroud)	
E	Earth Tag	
T	TPV Shroud (Halogen Free)	
P	PVC Shroud	

Alternative Washer Options	
1a	NBR Washer (-30 / +100 °C)
2a	NBR Washer (-30 / +100 °C)
3a	NBR Washer (-30 / +100 °C)
3a2	Neoprene Washer (-40 / +100 °C)
3b	Teflon Upper Washer (-200 / +260 °C)
4a	Teflon Upper Washer (-200 / +260 °C)

W	DCG	B	1	*	**	K	t
		N	2			E	p
		Sa	3				
		Sb	4				
		Sc					
		A					

WDCGN1-20-M20-t
DCGN1-20-M20-t

DCGSc2-20-M20-K
DCGSc2-20-M20-Kt

W D C G XX - X - X - X - X

A C G
U G
U A G

- Shroud material
- KIT, Earth tag
- Thread Type size
- Cable Dia.
- Seal Type
- Material Type
- Gland Series Name
- Without Certificate (Industrial)

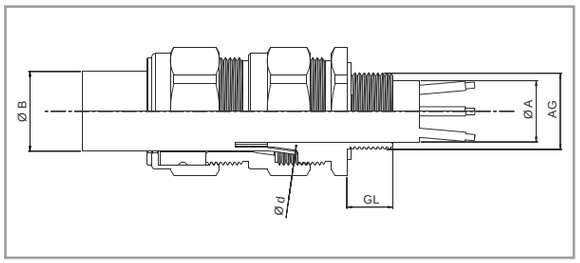


Example Parts Numbering	
DCGN1-32-M32	M32x1,5 Etna Serie Double Compression Brass Nickel Plated Ex Cable Glands
DCGN1-32-M32-K	M32x1,5 Etna Serie Double Compression Brass Nickel Plated Ex Cable Gland Kit
ACGSa2-32-M32	M32x1,5 Colima Serie Single Compression 303 Stainless Steel Ex Cable Glands
ACGSa2-32-M32-E	M32x1,5 Colima Serie Single Compression 303 Stainless Steel Ex Cable Glands + Earth Tag
DCGSc3-32-N1/2	NPT 1/2 Etna Serie Double Compression 316L Stainless Steel Ex Cable Glands
DCGSc3-32-G1/2-T	GAS 1/2 Etna Serie Double Compression 316L Stainless Steel Ex Cable Glands + TPV Shroud
ACGSc3-32-P11s-Kt	PG11s Colima Serie Single Compression 316L Stainless Steel Ex Cable Glands + Kit (with TPV Shroud)

DCG DOUBLE COMPRESSION

ORTAC Ex ETNA SERIES





ARMOURED CABLE GLANDS
DCG SERIES

TECHNICAL DETAILS

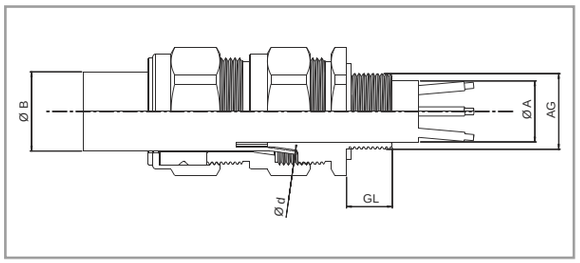
Type	: DCG (Double compression gland)
Protection code	: II 2GD Ex d IIC Gb / I M2 Ex d I Mb Ex tb IIIC Db
Certificate	: IEP 14 ATEX 0216U
Material	: MS58 Brass with or without nickel plated Stainless steel AISI303 / 316L / Aluminium
Standards	: EN 60079-0:2012, 60079-1:2007, 60079-31:2009
Protection class	: IP66 / 68
Temperature	: -30 °C +120 °C NBR : -40 °C +100 °C NEOPRENE : -60 °C +180 °C SILICONE : -30 °C +100 °C TPE/V
Application area	: ZONE1, ZONE2, ZONE21, ZONE22, Gas Group IIA. IIB, IIC
Cable type	: SWA (Single wire armour) (STA & other cables optional)

PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	AG	A Min	A Max	B Min	B Max	Ø d (Armour) Min	Ø d (Armour) Max	GL min. mm	mm
16	DCGXX/16/X	M16x1,5	1/2"	PG9	3,1	8,6	6,1	13,2	0,8	1,0	15	24
20ss	DCGXX/20ss/X	M20ssx1,5	1/2"	PG11ss	3,1	8,6	6,1	13,2	0,8	1,0	15	24
20s	DCGXX/20s/X	M20sx1,5	1/2"	PG11s	6,1	11,6	9,5	15,9	0,8	1,25	15	24
20	DCGXX/20/X	M20x1,5	1/2"	PG13,5	6,5	13,9	12,5	20,9	0,8	1,25	15	30
25s	DCGXX/25s/X	M25sx1,5	3/4"	PG21s	11,1	19,9	14	22	1,25	1,60	15	38
25	DCGXX/25/X	M25x1,5	3/4"	PG21	11,1	19,9	18,2	26,2	1,25	1,60	15	38
32	DCGXX/32/X	M32x1,5	1"	PG29	18,2	26,2	23,7	33,9	1,6	2,0	15	45
40	DCGXX/40/X	M40x1,5	11/4"	PG36s	23,7	33,9	27,9	40,4	1,6	2,0	15	55
50s	DCGXX/50s/X	M50sx1,5	11/2"	PG36	29,5	38,1	35,2	46,7	2,0	2,5	15	60
50	DCGXX/50/X	M50x1,5	2"	PG42	35,6	44,0	40,4	53,1	2,0	2,5	15	70
63s	DCGXX/63s/X	M63sx1,5	2"	PG48	40,1	49,9	45,6	59,4	2,0	2,5	15	75
63	DCGXX/63/X	M63x1,5	21/2"	-	47,2	55,9	54,6	65,9	2,0	2,5	15	80
75s	DCGXX/75s/X	M75sx1,5	21/2"	-	52,8	61,9	59	72,1	2,0	2,5	15	90
75	DCGXX/75/X	M75x1,5	3"	-	59,1	67,9	66,7	78,5	2,5	3,0	15	100
90	DCGXX/90/X	M90x2	3"	-	66,6	79,9	76,2	90,4	3,0	3,5	15	115
100	DCGXX/100/X	M100x2	-	-	76	90	86,1	101,5	3,15	4,0	15	123
115	DCGXX/115/X	M115x2	-	-	86	97,9	101,5	110,3	3,15	4,0	15	133
130	DCGXX/130/X	M130x2	-	-	97	114,9	114,2	123,3	3,15	4,0	15	146

ORTAC Ex COLIMA SERIES





ARMOURED CABLE GLANDS
ACG SERIES

TECHNICAL DETAILS

Type	: ACG (Armoured cable gland)
Protection code	: II 2GD Ex d IIC Gb / I M2 Ex d I Mb Ex tb IIIC Db
Certificate	: IEP 14 ATEX 0215U
Material	: MS58 Brass with or without nickel plated Stainless steel AISI303 / 316L / Aluminium
Standards	: EN 60079-0:2012, 60079-1:2007, 60079-31:2009
Protection class	: IP66 / 68
Temperature	: -30 °C +120 °C NBR : -40 °C +100 °C NEOPRENE : -60 °C +180 °C SILICONE : -30 °C +100 °C TPE/V
Application area	: ZONE1, ZONE2, ZONE21, ZONE22, Gas Group IIA. IIB, IIC
Cable type	: SWA (Single wire armour) (STA & other cables optional)

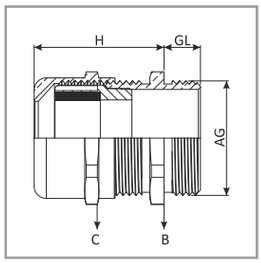
PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	AG	A Min	B Min	B Max	Ø d (Armour) Min	Ø d (Armour) Max	GL min. mm	mm
16	ACGXX/16/X	M16x1,5	1/2"	PG9	8,6	6,1	13,2	0,8	1,0	15	24
20ss	ACGXX/20ss/X	M20ssx1,5	1/2"	PG11ss	8,6	6,1	13,2	0,8	1,0	15	24
20s	ACGXX/20s/X	M20sx1,5	1/2"	PG11s	11,6	9,5	15,9	0,8	1,25	15	24
20	ACGXX/20/X	M20x1,5	1/2"	PG13,5	13,9	12,5	20,9	0,8	1,25	15	30
25s	ACGXX/25s/X	M25sx1,5	3/4"	PG21s	19,9	14	22	1,25	1,60	15	38
25	ACGXX/25/X	M25x1,5	3/4"	PG21	19,9	18,2	26,2	1,25	1,60	15	38
32	ACGXX/32/X	M32x1,5	1"	PG29	26,2	23,7	33,9	1,6	2,0	15	45
40	ACGXX/40/X	M40x1,5	11/4"	PG36s	33,9	27,9	40,4	1,6	2,0	15	55
50s	ACGXX/50s/X	M50sx1,5	11/2"	PG36	38,1	35,2	46,7	2,0	2,5	15	60
50	ACGXX/50/X	M50x1,5	2"	PG42	44,0	40,4	53,1	2,0	2,5	15	70
63s	ACGXX/63s/X	M63sx1,5	2"	PG48	49,9	45,6	59,4	2,0	2,5	15	75
63	ACGXX/63/X	M63x1,5	21/2"	-	55,9	54,6	65,9	2,0	2,5	15	80
75s	ACGXX/75s/X	M75sx1,5	21/2"	-	61,9	59	72,1	2,0	2,5	15	90
75	ACGXX/75/X	M75x1,5	3"	-	67,9	66,7	78,5	2,5	3,0	15	100
90	ACGXX/90/X	M90x2,0	3"	-	79,9	76,2	90,4	3,0	3,5	15	115
100	ACGXX/100/X	M100x2,0	-	-	90	86,1	101,5	3,15	4,0	15	123
115	ACGXX/115/X	M115x2,0	-	-	97,9	101,5	110,3	3,15	4,0	15	133
130	ACGXX/130/X	M130x2,0	-	-	114,9	114,2	123,3	3,15	4,0	15	146

UAG UNARMOURED CABLE GLANDS

ORTAC Ex MERAPI SERIES





UNARMOURED CABLE GLANDS
UAG SERIES

TECHNICAL DETAILS

Type	: UAG (Un-ar) Unarmoured gland
Protection code	: II 2G Ex d IIC Gb/II 2G Ex e II Gb I M2 Ex d I Mb I M2 Ex e I Mb Ex tb IIIC Db
Certificate	: IEP 14 ATEX 0217U
Material	: MS58 Brass with or without nickel plated Stainless steel AISI303 / 316L / Aluminium
Standards	: EN 60079-0:2012, 60079-7:2007, 60079-1:2007 60079-31:2009
Protection class	: IP68
Temperature	: -30 °C +120 °C NBR
	: -40 °C +100 °C NEOPRENE
	: -60 °C +180 °C SILICONE
	: -30 °C +100 °C TPE/V
Application area	: ZONE1, ZONE2, ZONE21, ZONE22, Gas Group IIA. IIB, IIC
Cable type	: Unarmoured

PRODUCT RANGE OVERVIEW

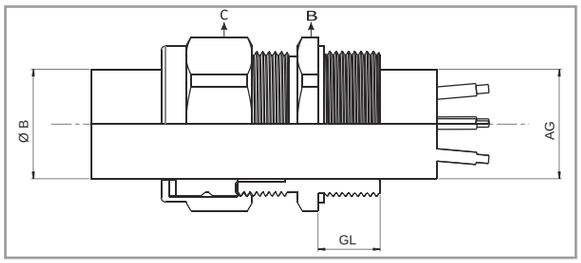
Product Size	Product Code	Standard AG	AG	GL min. mm	Clamping Range mm	B mm	C
Exd							
12	UAGXX/12/X	M12x1,5	3/8"	15	3-6,5	14	14
16	UAGXX/16/X	M16x1,5	3/8"	15	4-8	18	17
20	UAGXX/20/X	M20x1,5	1/2"	15	6-12	22	22
25s	UAGXX/25s/X	M25x1,5	3/4"	15	10-14	27	24
25	UAGXX/25/X	M25x1,5	3/4"	15	13-18	30	30
32	UAGXX/32/X	M32x1,5	1"	15	13-18	34	30
40	UAGXX/40/X	M40x1,5	11/4"	15	18-25	43	40
50	UAGXX/50/X	M50x1,5	11/2"	15	22-32	55	50
63s	UAGXX/63s/X	M63x1,5	2"	15	33-44	68	64
63	UAGXX/63/X	M63x1,5	2"	15	45-50	70	75
75s	UAGXX/75s/X	M75x1,5	21/2"	20	45-55	85	75
75	UAGXX/75/X	M75x1,5	21/2"	20	50-63	90	90
80	UAGXX/80/X	M80x2,0	3"	20	50-63	90	90
90	UAGXX/90/X	M90x2,0	3"	20	60-70	100	100
Exe							
12	EUAGXX/12/X	M12x1,5	3/8"	6	3-6,5	14	14
16	EUAGXX/16/X	M16x1,5	3/8"	7	4-8	18	17
20	EUAGXX/20/X	M20x1,5	1/2"	8	6-12	22	22
25s	EUAGXX/25s/X	M25x1,5	3/4"	8	10-14	27	24
25	EUAGXX/25/X	M25x1,5	3/4"	8	13-18	30	30
32	EUAGXX/32/X	M32x1,5	1"	9	13-18	34	30
40	EUAGXX/40/X	M40x1,5	11/4"	9	18-25	43	40
50	EUAGXX/50/X	M50x1,5	11/2"	9	22-32	55	50
63s	EUAGXX/63s/X	M63x1,5	2"	14	33-44	68	64
63	EUAGXX/63/X	M63x1,5	2"	15	45-50	70	75
75s	EUAGXX/75s/X	M75x1,5	21/2"	20	45-55	85	75
75	EUAGXX/75/X	M75x1,5	21/2"	20	50-63	90	90
80	EUAGXX/80/X	M80x2,0	3"	20	50-63	90	90
90	EUAGXX/90/X	M90x2,0	3"	20	60-70	100	100

UG UNARMOURED CABLE GLANDS

ATEX RoHS 2002/95/EC

ORTAC Ex UNZEN SERIES





UNARMOURED CABLE GLANDS
UG SERIES

TECHNICAL DETAILS

Type	: UG (Un-ar) Armoured gland
Protection code	: II 2G Ex d IIC Gb/II 2G Ex e II Gb I M2 Ex d I Mb I M2 Ex e I Mb Ex tb IIIC Db
Certificate	: IEP 14 ATEX 0217U
Material	: MS58 Brass with or without nickel plated Stainless steel AISI303 / 316L / Aluminium
Standards	: EN 60079-0:2012, 60079-7:2007, 60079-1:2007 60079-31:2009
Protection class	: IP66 / 68
Temperature	: -30 °C +120 °C NBR
	: -40 °C +100 °C NEOPRENE
	: -60 °C +180 °C SILICONE
	: -30 °C +100 °C TPE/V
Application area	: ZONE1, ZONE2, ZONE21, ZONE22, Gas Group IIA. IIB, IIC
Cable type	: Unarmoured

PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	B Min	B Max	GL min. mm	C mm	B
16	UGXX/16/X	M16x1,5	1/2"	6,1	11,6	15	20	24
20s	UGXX/20s/X	M20sx1,5	1/2"	6,1	13,2	15	24	24
20	UGXX/20/X	M20x1,5	1/2"	9,5	15,9	15	24	24
25	UGXX/25/X	M25x1,5	3/4"	12,5	20,5	15	30	30
32	UGXX/32/X	M32x1,5	1"	18,2	26,2	15	38	38
40	UGXX/40/X	M40x1,5	11/4"	23,7	33,9	15	45	45
50	UGXX/50/X	M50x1,5	11/2"	27,9	40,4	15	55	55
63s	UGXX/63s/X	M63sx1,5	2"	40,4	51	15	70	70
63	UGXX/63/X	M63x1,5	2 1/2"	47,2	55,9	15	70	80
75s	UGXX/75s/X	M75sx1,5	2 1/2"	52,8	59	15	80	80
75	UGXX/75/X	M75x1,5	3"	59,1	67,9	15	90	90

PART NUMBERING

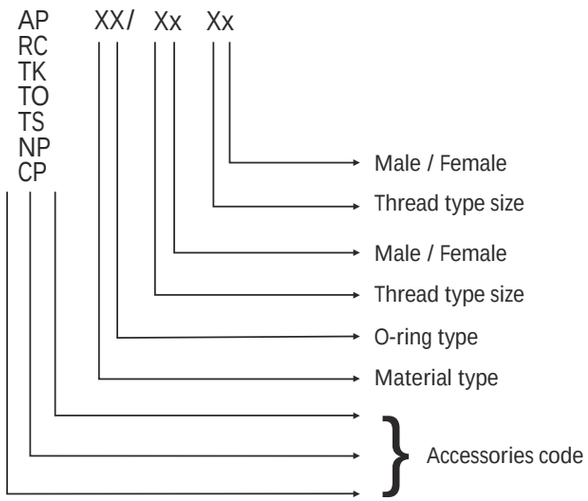
AP-RC TK-TO-TS	Accessories Code
B	Brass
N	Nickel Plating
Sa	AISI303 Stainless Steel
Sb	AISI304 Stainless Steel
Sc	AISI316 Stainless Steel
A	Aluminium
1	NBR O-ring (-30°C +100 °C)
2	Silicone O-ring (-60°C +180 °C)

Accessories Descriptions
"AP" Adapter
"RC" Reducer
"TK" TK Series Stopper Plugs
"TO" TO Series Stopper Plugs
"TS" TS Series Stopper Plugs
"NP" NP Series Nippling
"CP" CP Series Coupling

m	Male
f	Female
*	Application Size
**	Cable Gland Connection Size

APB1/M20fN14m
RCB2/N12mPG11f

AP	B	1	*	m/f	**	m/f
RC	N	2				
TK	Sa					
TO	Sb					
TS	Sc					
NP	A					
CP						

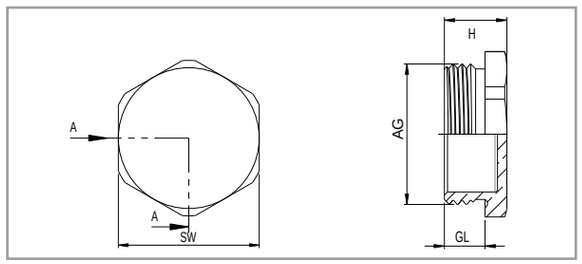




Example Part Numbering	
APB1/M20fN14m	M20 female NPT 1/4" male brass adapter with NBR o-ring
RCB2/N12mPG11f	NPT 1/2" male PG11 female brass reducer with silicone o-ring
TKN1/M16	M16 TK series brass nickel plated stopper plug with NBR o-ring
TOB1/N12	NPT 1/2" TO series brass stopper plug with NBR o-ring
TSB2/M25	M25 TS series brass stopper plug with silicone o-ring

STOPPER PLUG





STOPPER PLUG

TECHNICAL DETAILS

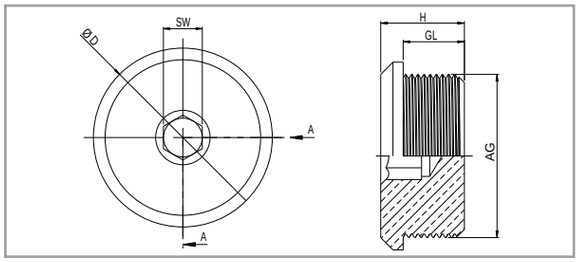
Type	: TK TYPE STOPPER PLUG
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: EN 60079-0 2012 /60079-1 2007/60079-7 2007 60079-31 2009
O-ring	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1 , ZONE 2, ZONE 21 , ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

Product Size	Product Code	GL min. mm	H mm	SW mm
M12 x 1,5	TK-XX/M12	15	22	17
M16 x 1,5	TK-XX/M16	15	22	22
M20 x 1,5	TK-XX/M20	15	22	24
M25 x 1,5	TK-XX/M25	15	22	30
M32 x 1,5	TK-XX/M32	15	22	36
M40 x 1,5	TK-XX/M40	15	22	45
M50 x 1,5	TK-XX/M50	15	22	55
M63 x 1,5	TK-XX/M63	15	22	70
M75 x 1,5	TK-XX/M75	15	22	80
M90 x 2	TK-XX/M90	20	27	95
M100 x 2	TK-XX/M100	20	27	110
NPT 1/4"	TK-XX/N14	15	22	15
NPT 3/8"	TK-XX/N38	15	22	20
NPT 1/2"	TK-XX/N12	15	22	24
NPT 3/4"	TK-XX/N34	15	22	27
NPT 1"	TK-XX/N100	15	22	35
NPT 1 1/4"	TK-XX/N114	18	25	45
NPT 1 1/2"	TK-XX/N112	18	25	50
NPT 2"	TK-XX/N200	18	25	65
NPT 2 1/2"	TK-XX/N212	28	35	75
NPT 3"	TK-XX/N300	28	35	90
NPT 4"	TK-XX/N400	28	35	115
G 1/4"	TK-XX/G14	15	22	18
G 3/8"	TK-XX/G38	15	22	22
G 1/2"	TK-XX/G12	15	22	25
G 3/4"	TK-XX/G34	15	22	32
G 1"	TK-XX/G100	15	22	38
G 1 1/4"	TK-XX/G114	15	22	45
G 1 1/2"	TK-XX/G112	15	22	55
G 2"	TK-XX/G200	15	22	65
G 2 1/2"	TK-XX/G212	20	27	85
G 3"	TK-XX/G300	20	27	95
G 4"	TK-XX/G400	20	27	120
PG7	TK-XX/P7	15	22	17
PG9	TK-XX/P9	15	22	20
PG 11	TK-XX/P11	15	22	25
PG 13,5	TK-XX/P13	15	22	25
PG16	TK-XX/P16	15	22	27
PG21	TK-XX/P21	15	22	35
PG29	TK-XX/P29	15	22	42
PG36	TK-XX/P36	15	22	55
PG42	TK-XX/P42	15	22	60
PG48	TK-XX/P48	15	22	65

STOPPER PLUG





STOPPER PLUG

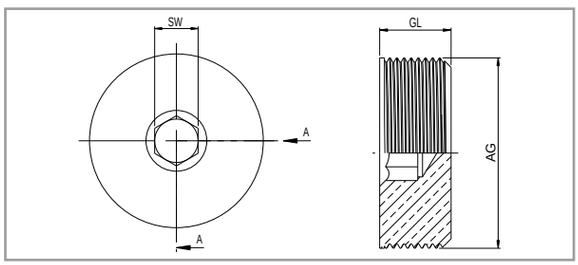
TECHNICAL DETAILS

Type	: TS TYPE STOPPER PLUG
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: EN 60079-0 2012 /60079-1 2007/60079-7 2007 60079-31 2009
O-ring	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1 , ZONE 2, ZONE 21 , ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

Product Size	Product Code	GL min. mm	H mm	D mm	SW mm
M12 x 1,5	TS-XX-M12	15	21	17	6
M16 x 1,5	TS-XX-M16	15	21	22	8
M20 x 1,5	TS-XX-M20	15	21	27	10
M25 x 1,5	TS-XX-M25	15	21	30	10
M32 x 1,5	TS-XX-M32	15	21	36	10
M40 x 1,5	TS-XX-M40	15	21	46	10
M50 x 1,5	TS-XX-M50	15	21	55	10
M63 x 1,5	TS-XX-M63	15	21	68	10
M75 x 1,5	TS-XX-M75	15	21	80	14
M90 x 2	TS-XX-M90	20	26	95	14
M100 x 2	TS-XX-M100	20	26	108	14
NPT 1/4"	TS-XX-N14	15	21	19	6
NPT 3/8"	TS-XX-N38	15	21	23	8
NPT 1/2"	TS-XX-N12	15	21	27	10
NPT 3/4"	TS-XX-N34	15	21	32	10
NPT 1"	TS-XX-N100	15	21	39	10
NPT 1 1/4"	TS-XX-N114	18	24	48	10
NPT 1 1/2"	TS-XX-N112	18	24	55	10
NPT 2"	TS-XX-N200	18	24	65	10
NPT 2 1/2"	TS-XX-N212	28	34	78	14
NPT 3"	TS-XX-N300	28	34	95	14
NPT 4"	TS-XX-N400	28	34	120	14
G 1/4"	TS-XX-G14	15	21	19	6
G 3/8"	TS-XX-G38	15	21	22	8
G 1/2"	TS-XX-G12	15	21	26	10
G 3/4"	TS-XX-G34	15	21	32	10
G 1"	TS-XX-G100	15	21	39	10
G 1 1/4"	TS-XX-G114	15	21	45	10
G 1 1/2"	TS-XX-G112	15	21	53	10
G 2"	TS-XX-G200	15	21	65	10
G 2 1/2"	TS-XX-G212	20	26	80	14
G 3"	TS-XX-G300	20	26	93	14
G 4"	TS-XX-G400	20	26	118	14
PG7	TS-XX-P7	15	21	18	6
PG9	TS-XX-P9	15	21	21	8
PG 11	TS-XX-P11	15	21	24	10
PG 13,5	TS-XX-P13	15	21	26	10
PG16	TS-XX-P16	15	21	28	10
PG21	TS-XX-P21	15	21	34	10
PG29	TS-XX-P29	15	21	42	10
PG36	TS-XX-P36	15	21	52	10
PG42	TS-XX-P42	15	21	59	10
PG48	TS-XX-P48	15	21	65	10





STOPPER PLUG

TECHNICAL DETAILS

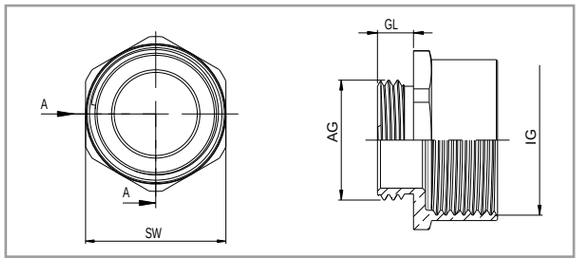
Type	: TO TYPE STOPPER PLUG
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: EN 60079-0 2012 /60079-1 2007/60079-7 2007 60079-31 2009
O-ring	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1 , ZONE 2, ZONE 21 , ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

Product Size	Product Code	GL min. mm	SW mm
M12 x 1.5	TO-XX/M12	15	6
M16 x 1.5	TO-XX/M16	15	8
M20 x 1.5	TO-XX/M20	15	10
M25 x 1.5	TO-XX/M25	15	10
M32 x 1.5	TO-XX/M32	15	10
M40 x 1.5	TO-XX/M40	15	10
M50 x 1.5	TO-XX/M50	15	10
M63 x 1.5	TO-XX/M63	15	10
M75 x 1.5	TO-XX/M75	15	14
M90 x 2	TO-XX/M90	20	14
M100 x 2	TO-XX/M100	20	14
NPT 1/4"	TO-XX/N14	15	6
NPT 3/8"	TO-XX/N38	15	8
NPT 1/2"	TO-XX/N12	15	10
NPT 3/4"	TO-XX/N34	15	10
NPT 1"	TO-XX/N100	15	10
NPT 1 1/4"	TO-XX/N114	18	10
NPT 1 1/2"	TO-XX/N112	18	10
NPT 2"	TO-XX/N200	18	10
NPT 2 1/2"	TO-XX/N212	28	14
NPT 3"	TO-XX/N300	28	14
NPT 4"	TO-XX/N400	28	14
G 1/4"	TO-XX/G14	15	6
G 3/8"	TO-XX/G38	15	8
G 1/2"	TO-XX/G12	15	10
G 3/4"	TO-XX/G34	15	10
G 1"	TO-XX/G100	15	10
G 1 1/4"	TO-XX/G114	15	10
G 1 1/2"	TO-XX/G112	15	10
G 2"	TO-XX/G200	15	10
G 2 1/2"	TO-XX/G212	20	14
G 3"	TO-XX/G300	20	14
G 4"	TO-XX/G400	20	14
PG7	TO-XX/P7	15	6
PG9	TO-XX/P9	15	8
PG11	TO-XX/P11	15	10
PG13,5	TO-XX/P13	15	10
PG16	TO-XX/P16	15	10
PG21	TO-XX/P21	15	10
PG29	TO-XX/P29	15	10
PG36	TO-XX/P36	15	10
PG42	TO-XX/P42	15	10
PG48	TO-XX/P48	15	10

ADAPTER





ADAPTER

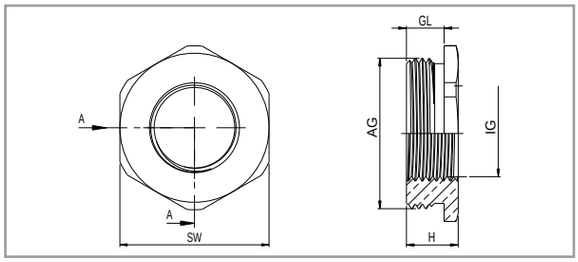
TECHNICAL DETAILS

Type	: AP TYPE ADAPTER
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: EN 60079-0 2012 /60079-1 2007/60079-7 2007 60079-31 2009
O-ring	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1 , ZONE 2, ZONE 21 , ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

Product Size	Product Code	IG (F)	GL min. mm	H mm	SW mm
M12 x 1,5	APXX/M12m-N14f	NPT 1/4"	15	33,5	18
M12 x 1,5	APXX/M12m-N38f	NPT 3/8"	15	33,5	20
M16 x 1,5	APXX/M16m-N38f	NPT 3/8"	15	33,5	20
M16 x 1,5	APXX/M16m-N12f	NPT 1/2"	15	34	25
M20 x 1,5	APXX/M20m-N12f	NPT 1/2"	15	34	25
M20 x 1,5	APXX/M20m-N34f	NPT 3/4"	15	34	30
M25 x 1,5	APXX/M25m-N34f	NPT 3/4"	15	34	30
M25 x 1,5	APXX/M25m-N100f	NPT 1"	15	34	36
M32 x 1,5	APXX/M32m-N100f	NPT 1"	15	34	36
M32 x 1,5	APXX/M32m-N114f	NPT 1 1/4"	15	37	45
M40 x 1,5	APXX/M40m-N114f	NPT 1 1/4"	18	40	45
M40 x 1,5	APXX/M40m-N112f	NPT 1 1/2"	18	40	55
M50 x 1,5	APXX/M50m-N112f	NPT 1 1/2"	18	40	55
M50 x 1,5	APXX/M50m-N200f	NPT 2"	18	40,5	65
M63 x 1,5	APXX/M63m-N200f	NPT 2"	18	40,5	70
M63 x 1,5	APXX/M63m-N212f	NPT 2 1/2"	18	50,5	80
M75 x 1,5	APXX/M75m-N212f	NPT 2 1/2"	18	50,5	80
M75 x 1,5	APXX/M75m-N300f	NPT 3"	18	50,5	95
M90 x 1,5	APXX/M90m-N300f	NPT 3"	21	54	95
M90 x 1,5	APXX/M90m-N400f	NPT 4"	21	54	120
M110 x 1,5	APXX/M110m-N400f	NPT 4"	21	54	120
NPT 1/4"	APXX/N14m-M12f	M12 x 1,5	15	33,5	18
NPT 1/4"	APXX/N14m-M16f	M16 x 1,5	15	33,5	22
NPT 3/8"	APXX/N38m-M16f	M16 x 1,5	15	33,5	22
NPT 3/8"	APXX/N38m-M20f	M20 x 1,5	15	33,5	25
NPT 1/2"	APXX/N12m-M20f	M20 x 1,5	15	34	25
NPT 1/2"	APXX/N12m-M25f	M25 x 1,5	15	34	30
NPT 3/4"	APXX/N34m-M25f	M25 x 1,5	15	34	30
NPT 3/4"	APXX/N34m-M32f	M32 x 1,5	15	34	36
NPT 1"	APXX/N100m-M32f	M32 x 1,5	15	34	36
NPT 1"	APXX/N100m-M40f	M40 x 1,5	15	34	45
NPT 1 1/4"	APXX/N114m-M40f	M40 x 1,5	18	40	45
NPT 1 1/4"	APXX/N114m-M50f	M50 x 1,5	18	40	55
NPT 1 1/2"	APXX/N112m-M50f	M50 x 1,5	18	40	55
NPT 1 1/2"	APXX/N112m-M63f	M63 x 1,5	18	40	70
NPT 2"	APXX/N200m-M63f	M63 x 1,5	18	40,5	70
NPT 2"	APXX/N200m-M75f	M75 x 1,5	18	40,5	80
NPT 2 1/2"	APXX/N212m-M75f	M75 x 1,5	28	50,5	80
NPT 2 1/2"	APXX/N212m-M90f	M90 x 1,5	28	50,5	95
NPT 3"	APXX/N300m-M90f	M90 x 1,5	28	54	95
NPT 3"	APXX/N300m-M110f	M110 x 1,5	28	54	115
NPT 4"	APXX/N400m-M110f	M110 x 1,5	28	54	120





ADAPTER

TECHNICAL DETAILS

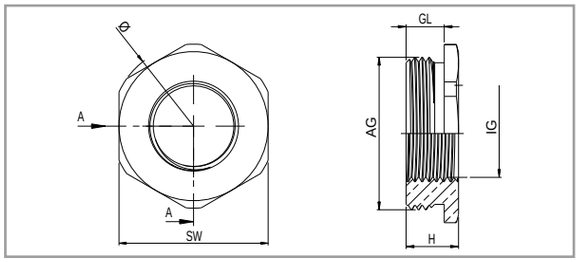
Type	: AP1 TYPE ADAPTER
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: EN 60079-0 2012 /60079-1 2007/60079-7 2007 60079-31 2009
O-ring	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1 , ZONE 2, ZONE 21 , ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

Product Size	Product Code	IG (F)	GL min. mm	H mm	SW mm
M16 x 1,5	AP1XX/M16m-N14f	NPT 1/4"	15	19	22
M20 x 1,5	AP1XX/M20m-N14f	NPT 1/4"	15	19	25
M25 x 1,5	AP1XX/M25m-N12f	NPT 1/2"	15	19	30
M32 x 1,5	AP1XX/M32m-N12f	NPT 1/2"	15	19	36
M32 x 1,5	AP1XX/M32m-N34f	NPT 3/4"	15	19	36
M40 x 1,5	AP1XX/M40m-N34f	NPT 3/4"	18	22	45
M40 x 1,5	AP1XX/M40m-N100f	NPT 1"	18	22	45
M50 x 1,5	AP1XX/M50m-N100f	NPT 1"	18	23	55
M50 x 1,5	AP1XX/M50m-N114f	NPT 1 1/4"	18	23	55
M63 x 1,5	AP1XX/M63m-N114f	NPT 1 1/4"	18	23	70
M63 x 1,5	AP1XX/M63m-N112f	NPT 1 1/2"	18	23	70
M75 x 1,5	AP1XX/M75m-N112f	NPT 1 1/2"	18	24	85
M75 x 1,5	AP1XX/M75m-N200f	NPT 2"	18	24	85
M90 x 1,5	AP1XX/M90m-N200f	NPT 2"	21	29	100
M90 x 1,5	AP1XX/M90m-N212f	NPT 2 1/2"	31	41	100
M110 x 1,5	AP1XX/M110m-N212f	NPT 2 1/2"	31	41	120
M110 x 1,5	AP1XX/M110m-N300f	NPT 3"	33	43	120
NPT 3/8"	AP1XX/N38m-M12f	M12 x 1,5	15	19	22
NPT 1/2"	AP1XX/N12m-M12f	M12 x 1,5	15	19	25
NPT 1/2"	AP1XX/N12m-M16f	M16 x 1,5	15	19	25
NPT 3/4"	AP1XX/N34m-M16f	M16 x 1,5	15	19	30
NPT 3/4"	AP1XX/N34m-M20f	M20 x 1,5	15	19	30
NPT 1"	AP1XX/N100m-M20f	M20 x 1,5	15	19	36
NPT 1"	AP1XX/N100m-M25f	M25 x 1,5	15	19	36
NPT 1 1/4"	AP1XX/N114m-M25f	M25 x 1,5	18	22	45
NPT 1 1/4"	AP1XX/N114m-M32f	M32 x 1,5	18	22	45
NPT 1 1/2"	AP1XX/N112m-M32f	M32 x 1,5	18	23	55
NPT 1 1/2"	AP1XX/N112m-M40f	M40 x 1,5	18	23	55
NPT 2"	AP1XX/N200m-M40f	M40 x 1,5	18	23	65
NPT 2"	AP1XX/N200m-M50f	M50 x 1,5	18	23	65
NPT 2 1/2"	AP1XX/N212m-M50f	M50 x 1,5	28	34	75
NPT 2 1/2"	AP1XX/N212m-M63f	M63 x 1,5	28	34	75
NPT 3"	AP1XX/N300m-M63f	M63 x 1,5	28	36	95
NPT 3"	AP1XX/N300m-M75f	M75 x 1,5	28	36	95
NPT 4"	AP1XX/N400m-M75f	M75 x 1,5	28	38	120
NPT 4"	AP1XX/N400m-M90f	M90 x 1,5	28	38	120

REDUCER





REDUCER

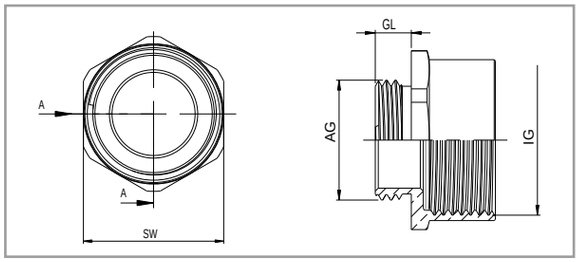
TECHNICAL DETAILS

Type	: RC TYPE REDUCER
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: EN 60079-0 2012 /60079-1 2007/60079-7 2007 60079-31 2009
O-ring	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1 , ZONE 2, ZONE 21 , ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

Product Size	Product Code	IG (F)	Gl mm	H mm	SW mm
M16 x 1,5	RCXX/M16m-M12f	M12 x 1,5	15	19	22
M20 x 1,5	RCXX/M20m-M12f	M12 x 1,5	15	19	25
M20 x 1,5	RCXX/M20m-M16f	M16 x 1,5	15	19	25
M25 x 1,5	RCXX/M25m-M16f	M16 x 1,5	15	19	30
M25 x 1,5	RCXX/M25m-M20f	M20 x 1,5	15	19	30
M32 x 1,5	RCXX/M32m-M20f	M20 x 1,5	15	19	36
M32 x 1,5	RCXX/M32m-M25f	M25 x 1,5	15	19	36
M40 x 1,5	RCXX/M40m-M25f	M25 x 1,5	18	22	45
M40 x 1,5	RCXX/M40m-M32f	M32 x 1,5	18	22	45
M50 x 1,5	RCXX/M50m-M32f	M32 x 1,5	18	23	55
M50 x 1,5	RCXX/M50m-M40f	M40 x 1,5	18	23	55
M63 x 1,5	RCXX/M63m-M40f	M40 x 1,5	18	23	70
M63 x 1,5	RCXX/M63m-M50f	M50 x 1,5	18	23	70
M75 x 1,5	RCXX/M75m-M50f	M50 x 1,5	18	24	85
M75 x 1,5	RCXX/M75m-M63f	M63 x 1,5	18	24	85
M90 x 1,5	RCXX/M90m-M63f	M63 x 1,5	21	29	100
M90 x 1,5	RCXX/M90m-M75f	M75 x 1,5	21	29	100
M110 x 1,5	RCXX/M110m-M75f	M75 x 1,5	21	31	120
M110 x 1,5	RCXX/M110m-M90f	M90 x 1,5	21	31	120
NPT 3/8"	RCXX/N38m-N14f	NPT 1/4"	15	19	22
NPT 1/2"	RCXX/N12m-N14f	NPT 1/4"	15	19	25
NPT 1/2"	RCXX/N12m-N38f	NPT 3/8"	15	19	25
NPT 3/4"	RCXX/N34m-N38f	NPT 3/8"	15	19	30
NPT 3/4"	RCXX/N34m-N12f	NPT 1/2"	15	19	30
NPT 1"	RCXX/N100m-N12f	NPT 1/2"	15	19	36
NPT 1"	RCXX/N100m-N34f	NPT 3/4"	15	19	36
NPT 1 1/4"	RCXX/N114m-N12f	NPT 1/2"	18	22	45
NPT 1 1/4"	RCXX/N114m-N34f	NPT 3/4"	18	22	45
NPT 1 1/4"	RCXX/N114m-N100f	NPT 1"	18	22	45
NPT 1 1/2"	RCXX/N112m-N12f	NPT 1/2"	18	23	55
NPT 1 1/2"	RCXX/N112m-N34f	NPT 3/4"	18	23	55
NPT 1 1/2"	RCXX/N112m-N100f	NPT 1"	18	23	55
NPT 1 1/2"	RCXX/N112m-N114f	NPT 1 1/4"	18	23	55
NPT 2"	RCXX/N200m-N114f	NPT 1 1/4"	18	23	65
NPT 2"	RCXX/N200m-N112f	NPT 1 1/2"	18	23	65
NPT 2 1/2"	RCXX/N212m-N112f	NPT 1 1/2"	28	34	75
NPT 2 1/2"	RCXX/N212m-N200f	NPT 2"	28	34	75
NPT 3"	RCXX/N300m-N200f	NPT 2"	28	36	95
NPT 3"	RCXX/N300m-N212f	NPT 2 1/2"	28	36	95
NPT 4"	RCXX/N400m-N212f	NPT 2 1/2"	28	38	120
NPT 4"	RCXX/N400m-N300f	NPT 3"	28	38	120





ENLARGER REDUCER

TECHNICAL DETAILS

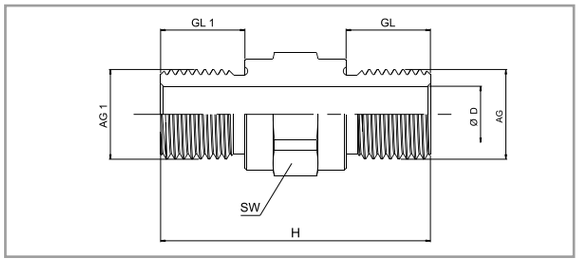
Type	: RC TYPE ENLARGER REDUCER
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: EN 60079-0 2012 /60079-1 2007/60079-7 2007 60079-31 2009
O-ring	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1 , ZONE 2, ZONE 21 , ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

Product Size	Product Code	IG (F)	GL mm	H mm	SW mm
M12 x 1,5	RCXX/M12m-M12f	M12 x 1,5	15	33,5	18
M12 x 1,5	RCXX/M12m-M16f	M16 x 1,5	15	33,5	22
M16 x 1,5	RCXX/M16m-M16f	M16 x 1,5	15	33,5	22
M12 x 1,5	RCXX/M12m-M20f	M20 x 1,5	15	34	25
M16 x 1,5	RCXX/M16m-M20f	M20 x 1,5	15	34	25
M20 x 1,5	RCXX/M20m-M20f	M20 x 1,5	15	34	25
M16 x 1,5	RCXX/M16m-M25f	M25 x 1,5	15	34	30
M20 x 1,5	RCXX/M20m-M25f	M25 x 1,5	15	34	30
M25 x 1,5	RCXX/M25m-M25f	M25 x 1,5	15	34	30
M20 x 1,5	RCXX/M20m-M32f	M32 x 1,5	15	34	36
M25 x 1,5	RCXX/M25m-M32f	M32 x 1,5	15	34	36
M32 x 1,5	RCXX/M32m-M32f	M32 x 1,5	15	34	36
M25 x 1,5	RCXX/M25m-M40f	M40 x 1,5	15	37	45
M32 x 1,5	RCXX/M32m-M40f	M40 x 1,5	15	37	45
M40 x 1,5	RCXX/M40m-M40f	M40 x 1,5	18	40	45
M32 x 1,5	RCXX/M32m-M50f	M50 x 1,5	15	40	55
M40 x 1,5	RCXX/M40m-M50f	M50 x 1,5	18	40	55
M50 x 1,5	RCXX/M50m-M50f	M50 x 1,5	18	40	55
M50 x 1,5	RCXX/M50m-M63f	M63 x 1,5	18	40,5	70
M63 x 1,5	RCXX/M63m-M63f	M63 x 1,5	18	40,5	70
M63 x 1,5	RCXX/M63m-M75f	M75 x 1,5	18	40,5	80
M75 x 1,5	RCXX/M75m-M75f	M75 x 1,5	18	40,5	85
M75 x 1,5	RCXX/M75m-M90f	M90 x 1,5	18	43,5	95
M90 x 1,5	RCXX/M90m-M90f	M90 x 1,5	21	47	100
M90 x 1,5	RCXX/M90m-M110f	M110 x 1,5	21	47	115
M110 x 1,5	RCXX/M110m-M110f	M110 x 1,5	21	47	120
NPT 1/4"	RCXX/N14m-N14f	NPT 1/4"	15	33,5	18
NPT 1/4"	RCXX/N14m-N38f	NPT 3/8"	15	33,5	20
NPT 3/8"	RCXX/N38m-N38f	NPT 3/8"	15	33,5	20
NPT 3/8"	RCXX/N38m-N12f	NPT 1/2"	15	34	25
NPT 1/2"	RCXX/N12m-N12f	NPT 1/2"	15	34	25
NPT 1/2"	RCXX/N12m-N34f	NPT 3/4"	15	34	30
NPT 3/4"	RCXX/N34m-N34f	NPT 3/4"	15	34	32
NPT 3/4"	RCXX/N34m-N100f	NPT 1"	15	34	36
NPT 1"	RCXX/N100m-N100f	NPT 1"	15	34	36
NPT 1"	RCXX/N100m-N114f	NPT 1 1/4"	15	37	45
NPT 1 1/4"	RCXX/N114m-N114f	NPT 1 1/4"	18	40,5	45
NPT 1 1/4"	RCXX/N114m-N112f	NPT 1 1/2"	18	40,5	55
NPT 1 1/2"	RCXX/N112m-N112f	NPT 1 1/2"	18	40,5	55
NPT 1 1/2"	RCXX/N112m-N200f	NPT 2"	18	40,5	65
NPT 2"	RCXX/N200m-N200f	NPT 2"	18	40,5	65
NPT 2"	RCXX/N200m-N212f	NPT 2 1/2"	18	50,5	80
NPT 2 1/2"	RCXX/N212m-N212f	NPT 2 1/2"	28	61	80
NPT 2 1/2"	RCXX/N212m-N300f	NPT 3"	28	61	95
NPT 3"	RCXX/N300m-N300f	NPT 3"	28	61	95
NPT 3"	RCXX/N300m-N400f	NPT 4"	28	61	120
NPT 4"	RCXX/N400m-N 400f	NPT 4"	28	61	120

NIPPLE





NIPPLING

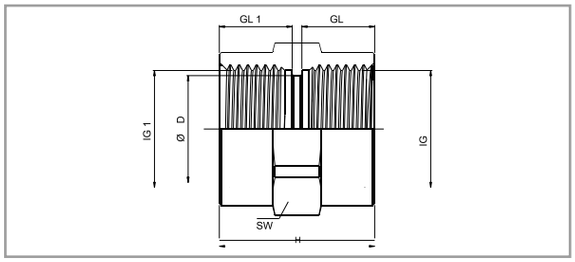
TECHNICAL DETAILS

Type	: NP TYPE NIPPLE
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1, ZONE 2, ZONE 21, ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

AG	Product Code	AG 1 mm	D mm	H mm	GL mm	GL 1 mm	SW mm
M12 x 1,5	NPXX/M12m-M12m	M12 x 1,5	7	48	15	15	18
M16 x 1,5	NPXX/M16m-M16m	M16 x 1,5	10	48	15	15	20
M20 x 1,5	NPXX/M20m-M20m	M20 x 1,5	14	48	15	15	24
M25 x 1,5	NPXX/M25m-M25m	M25 x 1,5	19	50	15	15	32
M32 x 1,5	NPXX/M32m-M32m	M32 x 1,5	26	50	15	15	36
M40 x 1,5	NPXX/M40m-M40m	M40 x 1,5	34	56	18	18	45
M50 x 1,5	NPXX/M50m-M50m	M50 x 1,5	44	58	18	18	55
M63 x 1,5	NPXX/M63m-M63m	M63 x 1,5	57	58	18	18	70
M75 x 1,5	NPXX/M75m-M75m	M75 x 1,5	69	62	18	18	85
M90 x 1,5	NPXX/M90m-M90m	M90 x 1,5	84	68	21	21	100
M110 x 1,5	NPXX/M110m-M110m	M110 x 1,5	100	69	21	21	120
NPT 1/4"	NPXX/N14m-M12m	M12 x 1,5	7	48	16	15	18
NPT 3/8"	NPXX/N38m-M16m	M16 x 1,5	10	48	16	15	20
NPT 1/2"	NPXX/N12m-M20m	M20 x 1,5	14	54	21	15	24
NPT 3/4"	NPXX/N34m-M25m	M25 x 1,5	19	54	21	15	32
NPT 1"	NPXX/N100m-M32m	M32 x 1,5	26	61	26	15	36
NPT 1 1/4"	NPXX/N114m-M40m	M40 x 1,5	33	68	28	18	45
NPT 1 1/2"	NPXX/N112m-M50m	M50 x 1,5	40	68	28	18	55
NPT 2"	NPXX/N200m-M63m	M63 x 1,5	52	68	28	18	70
NPT 2 1/2"	NPXX/N212m-M75m	M75 x 1,5	62	85	38	18	85
NPT 3"	NPXX/N300m-M90m	M90 x 1,5	75	85	38	21	100
NPT 4"	NPXX/N400m-M110m	M110 x 1,5	100	85	38	21	120
NPT 1/4"	NPXX/N14m-N14m	NPT 1/4"	7	50	16	16	18
NPT 1/4"	NPXX/N14m-N38m	NPT 3/8"	7	50	16	16	20
NPT 3/8"	NPXX/N38m-N38m	NPT 3/8"	12	50	16	16	20
NPT 3/8"	NPXX/N38m-N12m	NPT 1/2"	12	55	16	21	24
NPT 1/2"	NPXX/N12m-N12m	NPT 1/2"	15,5	62	21	21	24
NPT 1/2"	NPXX/N12m-N34m	NPT 3/4"	15,5	62	21	21	32
NPT 3/4"	NPXX/N34m-N34m	NPT 3/4"	19	62	21	21	32
NPT 3/4"	NPXX/N34m-N100m	NPT 1"	19	67	21	26	36
NPT 1"	NPXX/N100m-N100m	NPT 1"	25	72	26	26	36
NPT 1"	NPXX/N100m-N114m	NPT 1 1/4"	25	74	26	28	45
NPT 1 1/4"	NPXX/N114m-N114m	NPT 1 1/4"	33	78	28	28	45
NPT 1 1/2"	NPXX/N112m-N112m	NPT 1 1/2"	40	78	28	28	55
NPT 2"	NPXX/N200m-N200m	NPT 2"	52	78	28	28	65
NPT 2 1/2"	NPXX/N212m-N212m	NPT 2 1/2"	62	102	38	38	80
NPT 3"	NPXX/N300m-N300m	NPT 3"	75	102	38	38	95
NPT 4"	NPXX/N400m-N400m	NPT 4"	100	102	38	38	120





COUPLING

TECHNICAL DETAILS

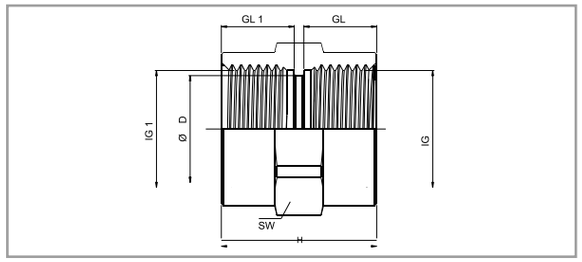
Type	: CP TYPE COUPLING
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Certificate	: IEP 15 ATEX 0333U
Material	: Brass, brass with nickel plated, stainless steel
Standards	: NBR / Silicone
Temperature range	: -40 °C +100 °C
Protection class	: IP66-IP68
Application area	: ZONE1, ZONE 2, ZONE 21, ZONE 22 Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

IG	Product Code	IG 1 mm	D mm	H mm	GL mm	GL 1 mm	SW mm
M12 x 1,5	CPXX/M12f-M12f	M12 x 1,5	9,5	33	15	15	18
M16 x 1,5	CPXX/M16f-M12f	M12 x 1,5	9,5	33	15	15	20
M16 x 1,5	CPXX/M16f-M16f	M16 x 1,5	13	33	15	15	20
M20 x 1,5	CPXX/M20f-M16f	M16 x 1,5	13,5	33	15	15	25
M20 x 1,5	CPXX/M20f-M20f	M20 x 1,5	16	33	15	15	25
M25 x 1,5	CPXX/M25f-M20f	M20 x 1,5	17	33	15	15	32
M25 x 1,5	CPXX/M25f-M25f	M25 x 1,5	22	33	15	15	32
M32 x 1,5	CPXX/M32f-M25f	M25 x 1,5	22	34	15	15	36
M32 x 1,5	CPXX/M32f-M32f	M32 x 1,5	29	34	15	15	36
M40 x 1,5	CPXX/M40f-M32f	M32 x 1,5	29	37	18	15	45
M40 x 1,5	CPXX/M40f-M40f	M40 x 1,5	37	40	18	18	45
M50 x 1,5	CPXX/M50f-M40f	M40 x 1,5	37,5	40	18	18	55
M50 x 1,5	CPXX/M50f-M50f	M50 x 1,5	47	40	18	18	55
M63 x 1,5	CPXX/M63f-M50f	M50 x 1,5	47	41	18	18	70
M63 x 1,5	CPXX/M63f-M63f	M63 x 1,5	60	41	18	18	70
M75 x 1,5	CPXX/M75f-M63f	M63 x 1,5	60	41	18	18	80
M75 x 1,5	CPXX/M75f-M75f	M75 x 1,5	72	41	18	18	80
M90 x 1,5	CPXX/M90f-M75f	M75 x 1,5	72	45	21	18	95
M90 x 1,5	CPXX/M90f-M90f	M90 x 1,5	87	45	21	21	95
M110 x 1,5	CPXX/M110f-M110f	M110 x 1,5	107	45	21	21	120

COUPLING





COUPLING

TECHNICAL DETAILS

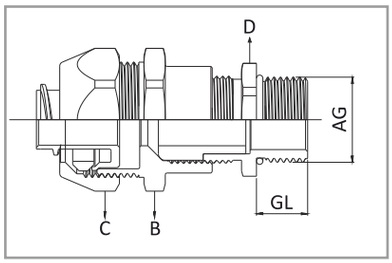
Type : CP TYPE COUPLING
Protection code : II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da
I M2 Ex d I Mb/Ex e I Mb
Certificate : IEP 15 ATEX 0333U
Material : Brass, brass with nickel plated, stainless steel
Standards : NBR / Silicone
Temperature range : -40 °C +100 °C
Protection class : IP66-IP68
Application area : ZONE1, ZONE 2, ZONE 21, ZONE 22
Gas groups IIA , IIB , IIC

PRODUCT RANGE OVERVIEW

IG	Product Code	IG 1 mm	D mm	H mm	GL mm	GL 1 mm	SW mm
NPT 1/4"	CPXX/N14f-M12f	M12 x 1,5	9,5	33	15	15	18
NPT 3/8"	CPXX/N38f-M12f	M12 x 1,5	9,5	33	15	15	20
NPT 3/8"	CPXX/N38f-M16f	M16 x 1,5	12,5	33	15	15	20
NPT 1/2"	CPXX/N12f-M16f	M16 x 1,5	14	33	15	15	25
NPT 1/2"	CPXX/N12f-M20f	M20 x 1,5	16	33	15	15	25
NPT 3/4"	CPXX/N34f-M20f	M20 x 1,5	17	33	15	15	32
NPT 3/4"	CPXX/N34f-M25f	M25 x 1,5	22	33	15	15	32
NPT 1"	CPXX/N100f-M25f	M25 x 1,5	22,5	33	15	15	36
NPT 1"	CPXX/N100f-M32f	M32 x 1,5	28	33	15	15	36
NPT 1 1/4"	CPXX/N114f-M32f	M32 x 1,5	29	37	18	15	45
NPT 1 1/4"	CPXX/N114f-M40f	M40 x 1,5	35,5	39	18	18	45
NPT 1 1/2"	CPXX/N112f-M40f	M40 x 1,5	38	39	18	18	55
NPT 1 1/2"	CPXX/N112f-M50f	M50 x 1,5	42	39	18	18	55
NPT 2"	CPXX/N200f-M50f	M50 x 1,5	48	39	18	18	65
NPT 2"	CPXX/N200f-M63f	M63 x 1,5	54	39	18	18	70
NPT 2 1/2"	CPXX/N212f-M63f	M63 x 1,5	60	50	28	18	80
NPT 2 1/2"	CPXX/N212f-M75f	M75 x 1,5	64	50	28	18	80
NPT 3"	CPXX/N300f-M75f	M75 x 1,5	72	51	28	18	95
NPT 3"	CPXX/N300f-M90f	M90 x 1,5	79,5	53	28	21	95
NPT 4"	CPXX/N400f-M90f	M90 x 1,5	87	56	28	21	120
NPT 4"	CPXX/N400f-M110f	M110 x 1,5	105	56	28	21	120
NPT 1/4"	CPXX/N14f-N14f	NPT 1/4"	9,5	33	15	15	18
NPT 3/8"	CPXX/N38f-N14f	NPT 1/4"	9,5	33	15	15	20
NPT 3/8"	CPXX/N38f-N38f	NPT 3/8"	12,5	33	15	15	20
NPT 1/2"	CPXX/N12f-N38f	NPT 3/8"	13	33	15	15	25
NPT 1/2"	CPXX/N12f-N12f	NPT 1/2"	16	33	15	15	25
NPT 3/4"	CPXX/N34f-N12f	NPT 1/2"	16	33	15	15	32
NPT 3/4"	CPXX/N34f-N34f	NPT 3/4"	21	33	15	15	32
NPT 1"	CPXX/N100f-N34f	NPT 3/4"	21	33	15	15	36
NPT 1"	CPXX/N100f-N100f	NPT 1"	27	33	15	15	36
NPT 1 1/4"	CPXX/N114f-N100f	NPT 1"	35,5	37	18	15	45
NPT 1 1/4"	CPXX/N114f-N114f	NPT 1 1/4"	36	39	18	18	45
NPT 1 1/2"	CPXX/N112f-N114f	NPT 1 1/4"	41,5	39	18	18	55
NPT 1 1/2"	CPXX/N112f-N112f	NPT 1 1/2"	41,5	39	18	18	55
NPT 2"	CPXX/N200f-N112f	NPT 1 1/2"	41,5	42	18	18	65
NPT 2"	CPXX/N200f-N200f	NPT 2"	53,5	42	18	18	65
NPT 2 1/2"	CPXX/N212f-N200f	NPT 2"	53,5	51	28	18	80
NPT 2 1/2"	CPXX/N212f-N212f	NPT 2 1/2"	64	60	28	28	80
NPT 3"	CPXX/N300f-N212f	NPT 2 1/2"	64	60	28	28	95
NPT 3"	CPXX/N300f-N300f	NPT 3"	80	60	28	28	95
NPT 4"	CPXX/N400f-N300f	NPT 3"	81	60	28	28	120
NPT 4"	CPXX/N400f-N400f	NPT 4"	105	60	28	28	120

ORTAC Ex





FLEXIBLE SPIRAL CONDUITS GLANDS

LIQUID TIGHT WITH CABLE HOLDER

TECHNICAL DETAILS

Certificate	: IEP 15 ATEX 0355 U
Protection code	: II 2G Exd IIC Gb/Ex e IIC Gb II 1D Ex ta IIIC Da I M2 Ex d I Mb/Ex e I Mb
Standards	: EN 60079-0:2012, 60079-1:2007, 60079-7:2007 60079-31:2009
Protection class	: IP67
Temperature range	: -20 °C +100 °C -30 °C +150 °C

Material

Cap nut	: Brass with nickel plated
Clamping insert	: PA6 V0
Sealing ring	: TPV
Ring	: PA6 V0
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR / silicone
Connection thread	: Metric EN (60423)/ASME B 10.20.1 / DIN 259

Properties

Easy to assemble
Fixed or swivel body version
Apply with either LGT or CTS, CTPS conduits

PRODUCT RANGE OVERVIEW

PG FIXED/SWIVEL BODY

IP 67

Code	AG Thread	Spiral Measure	GL min. mm	B mm	C mm	D mm	Cables mm
ExMLSRP 00	PG 7	10-1/4"	15	20	22	14	3-6,5
ExMLSRP 1A	PG 9	10-1/4"	15	20	22	17	4-8
ExMLSRP 01	PG 11	13-3/8"	15	24	26	20	5-10
ExMLSRP 2A	PG 13,5	16-1/2"	15	27	29	22	6-12
ExMLSRP 02	PG 16	16-1/2"	15	27	29	24	10-14
ExMLSRP 03	PG 21	21-3/4"	15	33	35	30	13-18
ExMLSRP 04	PG 29	26-1"	15	43	45	40	18-25
ExMLSRP 05	PG 36	35-1 1/4"	15	52	54	50	22-32
ExMLSRP 06	PG 42	40-1 1/2"	15	60	63	57	30-38
ExMLSRP 07	PG 48	51-2"	15	74	77	64	34-44

METRIC FIXED/SWIVEL BODY

ExMLSRM 00	M 12 x 1,5	10-1/4"	15	20	22	14	3-6,5
ExMLSRM 1A	M 16 x 1,5	10-1/4"	15	20	22	18	4-8
ExMLSRM 01	M 16 x 1,5	13-3/8"	15	24	26	18	4-8
ExMLSRM 02	M 20 x 1,5	16-1/2"	15	27	29	22	6-12
ExMLSRM 03	M 25 x 1,5	21-3/4"	15	33	35	27	10-14
ExMLSRM 04	M 32 x 1,5	26-1"	15	43	45	34	13-18
ExMLSRM 05	M 40 x 1,5	35-1 1/4"	15	52	54	43	18-25
ExMLSRM 06	M 50 x 1,5	40-1 1/2"	15	60	63	55	22-32
ExMLSRM 07	M 63 x 1,5	51-2"	15	74	77	68	34-44
ExMLSRM 08	M 72 x 1,5	63-2 1/2"	20	90	90	85	45-55
ExMLSRM 09	M 75 x 1,5	78-3"	20	105	110	90	50-63
ExMLSRM 10	M 90 x 2	102-4"	20	136	140	100	60-70

* NPT thread available on request.

STex SPIRAL TYPE CABLE GLANDS

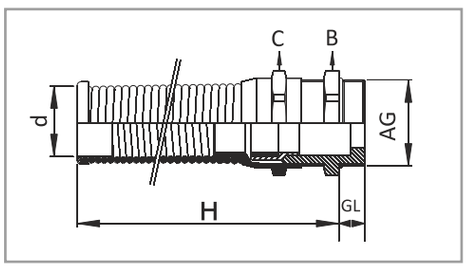
ORTAC Ex



UNARMOURED CABLE GLANDS
STEX SPIRAL TYPE

TECHNICAL DETAILS

Type	: STex spiral type cable gland
Protection code	: II 2G Ex db IIC Gb/II 2G Ex eb II Gb I M2 Ex db I Mb I M2 Ex eb I Mb Ex tb IIIC Db
Certificate	: IEP 16 ATEX 0436U
Material	: MS58 Brass with or without nickel plated Stainless steel (AISI303 / 316L / Aluminium
Spiral part	: Stainless steel (1.4310/AISI302)
Standards	: EN 60079-0:2012, 60079-7:2007, 60079-1:2007 60079-31:2009
Protection class	: IP66 / 68
Temperature	: -30 °C +120 °C NBR : -40 °C +100 °C NEOPRENE : -60 °C +180 °C SILICONE : -30 °C +100 °C TPE/V
Application area	: ZONE1, ZONE2, ZONE21, ZONE22, Gas Group IIA. IIB, IIC
Cable type	: Unarmoured



PRODUCT RANGE OVERVIEW

METRIC/PG THREAD CABLE GLANDS

Product Size	Code	Standard AG	Spiral Diameter (d)	H mm	Exd GL mm	Exe GL mm	B mm	C mm	mm
12	STexXX/12/X	M 12 x 1,5	6,8	55	15	6	14	14	3 - 6,5
16	STexXX/16/X	M 16 x 1,5	8,2	66	15	7	18	17	4 - 8
20	STexXX/20/X	M 20 x 1,5	12,3	88	15	8	22	22	6 - 12
25	STexXX/25/X	M 25 x 1,5	14,3	98	15	8	27	24	10 - 14
32	STexXX/32/X	M 32 x 1,5	18,4	111	15	9	34	30	13 - 18
12	STexXX/12/X	PG 7	6,8	55	15	6	14		3 - 6,5
16	STexXX/16/X	PG 9	8,2	66	15	6	17		4 - 8
16	STexXX/16/X	PG 11	10,3	77	15	6	20		5 - 10
20	STexXX/20/X	PG 13,5	12,3	88	15	6,5	22		6 - 12
25	STexXX/25/X	PG 16	14,3	98	15	6,5	24		10 - 14
32	STexXX/32/X	PG 21	18,4	111	15	7	30		13 - 18

NPT & GAS THREAD

12	STexXX/12/X	NPT 1/4"	6,8	55	15	-	14	14	3 - 6,5
16	STexXX/16/X	NPT 3/8"	8,2	66	15	-	18	17	4 - 8
16	STexXX/16/X	NPT 1/2"	10,3	77	15	-	20	20	5 - 10
20	STexXX/20/X	NPT 1/2"	12,3	88	15	-	22	22	6 - 12
25	STexXX/25/X	NPT 3/4"	14,3	98	15	-	27	24	10 - 14
32	STexXX/32/X	NPT 1"	18,4	111	15	-	34	30	13 - 18
12	STexXX/12/X	GAS 1/4"	6,8	55	15	-	14	14	3 - 6,5
16	STexXX/16/X	GAS 3/8"	8,2	66	15	-	18	17	4 - 8
16	STexXX/16/X	GAS 3/8"	10,3	77	15	-	20	20	5 - 10
20	STexXX/20/X	GAS 1/2"	12,3	88	15	-	22	22	6 - 12
25	STexXX/25/X	GAS 3/4"	14,3	98	15	-	27	24	10 - 14
32	STexXX/32/X	GAS 1"	18,4	111	15	-	34	30	13 - 18

* Pls add " E " to the code if required Exe protection.

IP 68

Halogen free

SHROUDS

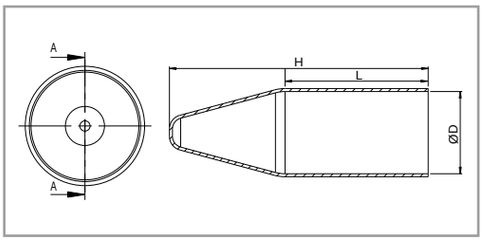
RoHS 002/95/EC



SHROUD

TECHNICAL DETAILS

Type : PS / SHROUDS
Material : PVC / LSF



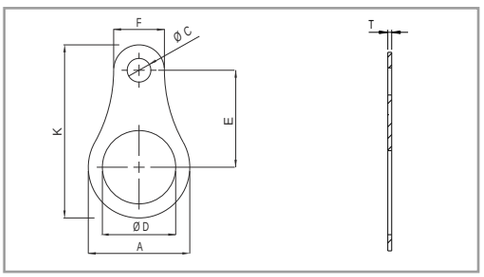
EARTHING PARTS



EARTH TAG

TECHNICAL DETAILS

Type : RTE / EARTH TAG
Material : MS 64 with Nickel Plated Stainless Steel



PRODUCT RANGE OVERVIEW

SHROUD

Product Size	Product Code	Ø D mm	H mm	L mm
M16-M20ss-M20s	PS-16	25	100	60
M20	PS-20	31	110	65
M25	PS-25	41	130	70
M32	PS-32	49	145	80
M40	PS-40	59	165	85
M50s	PS-50s	64	150	85
M50	PS-50	75	170	90
M63s	PS-63s	81	175	90
M63	PS-63	86	175	90
M75s	PS-75s	98	210	115
M75	PS-75	108	220	115
M90	PS-90	-	-	-

EARTH TAG

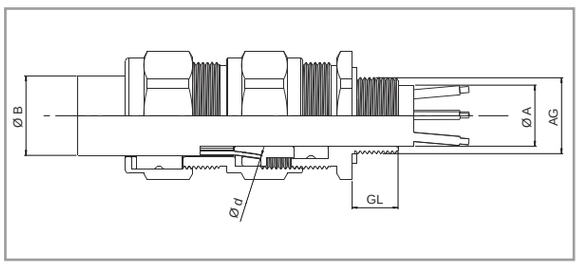
Product Size	Product Code	A	ØD	ØC	F	K	E	T
M16	RTE-16	25,4	16,5	6,5	12,5	49	30	1
M20	RTE-20	27	20,5	6,5	10,2	52	33	1
M25	RTE-25	35	25,5	6,5	13,5	60	35,5	1
M32	RTE-32	45	32,5	10,5	22,5	77	43	1
M40	RTE-40	53,5	40,5	12,5	23,6	83,5	45	1
M50	RTE-50	65	50,5	12,5	29,5	105	58	1
M63	RTE-63	82	63,5	12,5	29,5	123	67	1
M75	RTE-75	96	75,5	12,5	24	133	73	1,5
M90	RTE-90	114	90,5	12,5	37	161,5	86	1,5
M100	RTE-100	125	100,5	12,5	40	192,5	110	2

-

WDCG DOUBLE COMPRESSION

INDUSTRIAL TYPE GLANDS





ARMOURED CABLE GLANDS

WDCG SERIES

TECHNICAL DETAILS

Type	: WDCG (Double compression gland)
Certificate	: Gost-CE-Rohs-ISO9001-14001-Ohsas 18001
Material	: MS58 Brass with or without nickel plated Stainless steel AISI303 / 316L / Aluminium
Standards	: EN 60079-0:2012, 60079-1:2007, 60079-31:2009
Protection class	: IP66 / 68
Temperature	: -30 °C +120 °C NBR : -40 °C +100 °C NEOPRENE : -60 °C +180 °C SILICONE : -30 °C +100 °C TPE/V
Cable type	: SWA (Single wire armour) (STA & other cables optional)

PRODUCT RANGE OVERVIEW

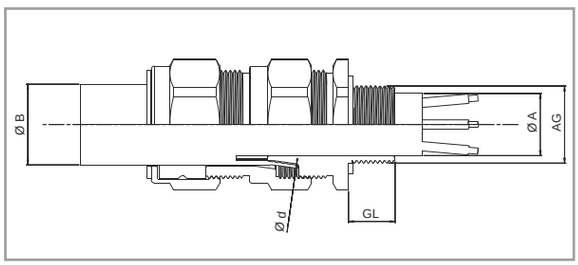
Product Size	Product Code	Standard AG	AG NPT	AG	A Min	A Max	B Min	B Max	Ø d (Armour) Min	Ø d (Armour) Max	GL mm	mm
16	WDCGXX/16/X	M16x1,5	1/2"	PG9	3,1	8,6	6,1	13,2	0,8	1,0	15	24
20ss	WDCGXX/20ss/X	M20ssx1,5	1/2"	PG11ss	3,1	8,6	6,1	13,2	0,8	1,0	15	24
20s	WDCGXX/20s/X	M20sx1,5	1/2"	PG11s	6,1	11,6	9,5	15,9	0,8	1,25	15	24
20	WDCGXX/20/X	M20x1,5	1/2"	PG13,5	6,5	13,9	12,5	20,9	0,8	1,25	15	30
25s	WDCGXX/25s/X	M25sx1,5	3/4"	PG21s	11,1	19,9	14	22	1,25	1,60	15	38
25	WDCGXX/25/X	M25x1,5	3/4"	PG21	11,1	19,9	18,2	26,2	1,25	1,60	15	38
32	WDCGXX/32/X	M32x1,5	1"	PG29	18,2	26,2	23,7	33,9	1,6	2,0	15	45
40	WDCGXX/40/X	M40x1,5	11/4"	PG36s	23,7	33,9	27,9	40,4	1,6	2,0	15	55
50s	WDCGXX/50s/X	M50sx1,5	11/2"	PG36	29,5	38,1	35,2	46,7	2,0	2,5	15	60
50	WDCGXX/50/X	M50x1,5	2"	PG42	35,6	44,0	40,4	53,1	2,0	2,5	15	70
63s	WDCGXX/63s/X	M63sx1,5	2"	PG48	40,1	49,9	45,6	59,4	2,0	2,5	15	75
63	WDCGXX/63/X	M63x1,5	21/2"	-	47,2	55,9	54,6	65,9	2,0	2,5	15	80
75s	WDCGXX/75s/X	M75sx1,5	21/2"	-	52,8	61,9	59	72,1	2,0	2,5	15	90
75	WDCGXX/75/X	M75x1,5	3"	-	59,1	67,9	66,7	78,5	2,5	3,0	15	100
90	WDCGXX/90/X	M90x2	3"	-	66,6	79,9	76,2	90,4	3,0	3,5	15	115
100	WDCGXX/100/X	M100x2	-	-	76	90	86,1	101,5	3,15	4,0	15	123
115	WDCGXX/115/X	M115x2	-	-	86	97,9	101,5	110,3	3,15	4,0	15	133
130	WDCGXX/130/X	M130x2	-	-	97	114,9	114,2	123,3	3,15	4,0	15	146

WACG SINGLE COMPRESSION

RoHS 2002/95/EC

INDUSTRIAL TYPE GLANDS





ARMOURED CABLE GLANDS

WACG SERIES

TECHNICAL DETAILS

Type	: WACG Single compression gland)
Certificate	: Gost-CE-Rohs-ISO9001-14001-Ohsas 18001
Material	: MS58 Brass with or without nickel plated Stainless steel AISI303 / 316L / Aluminium
Standards	: EN 60079-0:2012, 60079-1:2007, 60079-31:2009
Protection class	: IP66 / 68
Temperature	: -30 °C +120 °C NBR : -40 °C +100 °C NEOPRENE : -60 °C +180 °C SILICONE : -30 °C +100 °C TPE/V
Cable type	: SWA (Single wire armour) (STA & other cables optional)

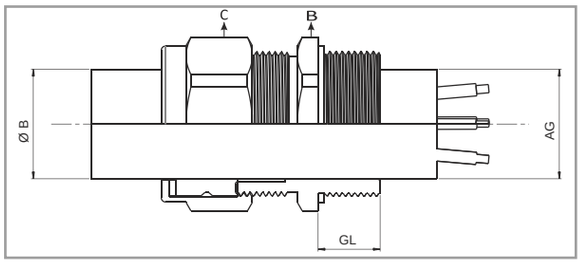
PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	AG	A Min	B Min	B Max	Ø d (Armour) Min	Ø d (Armour) Max	GL mm	mm
16	WACGXX/16/X	M16x1,5	1/2"	PG9	8,6	6,1	13,2	0,8	1,0	15	24
20ss	WACGXX/20ss/X	M20ssx1,5	1/2"	PG11ss	8,6	6,1	13,2	0,8	1,0	15	24
20s	WACGXX/20s/X	M20sx1,5	1/2"	PG11s	11,6	9,5	15,9	0,8	1,25	15	24
20	WACGXX/20/X	M20x1,5	1/2"	PG13,5	13,9	12,5	20,9	0,8	1,25	15	30
25s	WACGXX/25s/X	M25sx1,5	3/4"	PG21s	19,9	14	22	1,25	1,60	15	38
25	WACGXX/25/X	M25x1,5	3/4"	PG21	19,9	18,2	26,2	1,25	1,60	15	38
32	WACGXX/32/X	M32x1,5	1"	PG29	26,2	23,7	33,9	1,6	2,0	15	45
40	WACGXX/40/X	M40x1,5	11/4"	PG36s	33,9	27,9	40,4	1,6	2,0	15	55
50s	WACGXX/50s/X	M50sx1,5	11/2"	PG36	38,1	35,2	46,7	2,0	2,5	15	60
50	WACGXX/50/X	M50x1,5	2"	PG42	44,0	40,4	53,1	2,0	2,5	15	70
63s	WACGXX/63s/X	M63sx1,5	2"	PG48	49,9	45,6	59,4	2,0	2,5	15	75
63	WACGXX/63/X	M63x1,5	21/2"	-	55,9	54,6	65,9	2,0	2,5	15	80
75s	WACGXX/75s/X	M75sx1,5	21/2"	-	61,9	59	72,1	2,0	2,5	15	90
75	WACGXX/75/X	M75x1,5	3"	-	67,9	66,7	78,5	2,5	3,0	15	100
90	WACGXX/90/X	M90x2	3"	-	79,9	76,2	90,4	3,0	3,5	15	115
100	WACGXX/100/X	M100x2	-	-	90	86,1	101,5	3,15	4,0	15	123
115	WACGXX/115/X	M115x2	-	-	97,9	101,5	110,3	3,15	4,0	15	133
130	WACGXX/130/X	M130x2	-	-	114,9	114,2	123,3	3,15	4,0	15	146

WUG UNARMOURED CABLE GLANDS

INDUSTRIAL TYPE GLANDS





UNARMOURED CABLE GLANDS
WUG SERIES

TECHNICAL DETAILS

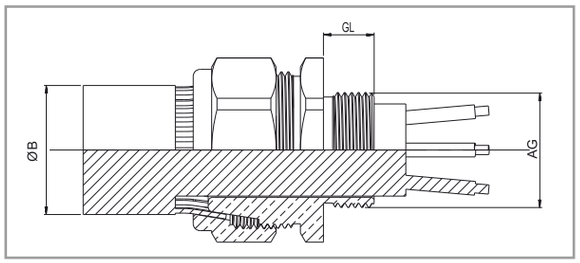
Type	: WUG (un-ar) armoured gland
Certificate	: Gost-CE-Rohs-ISO9001-14001-Ohsas 18001
Material	: MS58 Brass with or without nickel plated Stainless steel AISI303 / 316L / Aluminium
Standards	: EN 60079-0:2012, 60079-1:2007, 60079-31:2009
Protection class	: IP66 / 68
Temperature	: -30 °C +120 °C NBR : -40 °C +100 °C NEOPRENE : -60 °C +180 °C SILICONE : -30 °C +100 °C TPE/V
Cable type	: Unarmoured

PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	B Min	B Max	GL min. mm	C mm	B
16	WUGXX/16/X	M16x1,5	1/2"	6,1	11,6	15	20	24
20s	WUGXX/20s/X	M20sx1,5	1/2"	6,1	13,2	15	24	24
20	WUGXX/20/X	M20x1,5	1/2"	9,5	15,9	15	24	24
25	WUGXX/25/X	M25x1,5	3/4"	12,5	20,5	15	30	30
32	WUGXX/32/X	M32x1,5	1"	18,2	26,2	15	38	38
40	WUGXX/40/X	M40x1,5	11/4"	23,7	33,9	15	45	45
50	WUGXX/50/X	M50x1,5	11/2"	27,9	40,4	15	55	55
63s	WUGXX/63s/X	M63sx1,5	2"	40,4	51	15	70	70
63	WUGXX/63/X	M63x1,5	2 1/2"	47,2	55,9	15	70	80
75s	WUGXX/75s/X	M75sx1,5	2 1/2"	52,8	59	15	80	80
75	WUGXX/75/X	M75x1,5	3"	59,1	67,9	15	90	90

INDUSTRIAL TYPE GLANDS





ARMOURED CABLE GLANDS

AG SERIES

TECHNICAL DETAILS

Certificate	: Gost-CE-Rohs-ISO9001-14001-Ohsas 18001
Standards	: EN 60079-0 / 60079-1 / 60079-31
Protection class	: IP55
Materials	: MS58 / Stainless steel
Thread norm	: EN 60423 / DIN 40430 / ASME B 1.20.1 / DIN 259

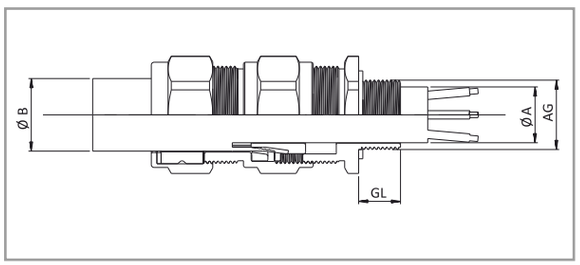
PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	B Min	B Max	GL	mm
16	AGXX/16/X	M16x1,5	3/8"	7	11	10	22
20s	AGXX/20s/X	M20sx1,5	1/2"	11	16	10	24
20	AGXX/20/X	M20x1,5	1/2"	13	21	11	30
25	AGXX/25/X	M25x1,5	3/4"	19	27	11	36
32	AGXX/32/X	M32x1,5	1"	26	34	14	42
40	AGXX/40/X	M40x1,5	1 1/4"	32	40	14	50
50s	AGXX/50s/X	M50sx1,5	1 1/2"	38	45	15	55
50	AGXX/50/X	M50x1,5	2"	43	52	15	60
63s	AGXX/63s/X	M63sx1,5	2"	50	62	15	70
63	AGXX/63/X	M63x1,5	2 1/2"	56	68	15	80
75s	AGXX/75s/X	M75sx1,5	2 1/2"	62	72	15	95
75	AGXX/75/X	M75x1,5	3"	68	78	15	100

E1W DOUBLE COMPRESSION

BS 6121 INDUSTRIAL TYPE GLANDS





ARMOURED CABLE GLANDS

E1W SERIES

TECHNICAL DETAILS

Type	: E1W (Double compression gland)
Material	: Brass with or without nickel plated
Standards	: BS 6121
Protection class	: IP66 & IP67
Temperature	: -20 °C +80 °C:
Thread options	: Metric , NPT , BSP & PG
Application	: For indoor or outdoor use with all types of SWA cables
Accessories	: Matching accessories available like PVC Shrouds locknuts & earth tag
Function	: E1W type glands provide a seal on the inner sheath, a seal on the outer sheath and an armour specific armour clamp for armoured cable. The armour clamp provides an electrical bond between the armour cable and the gland.

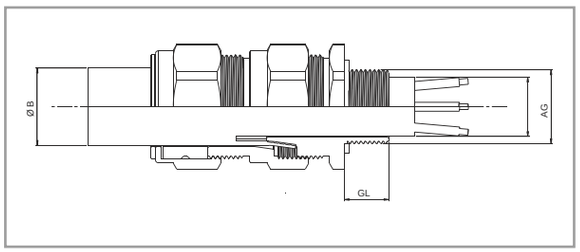
PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	A Min	A Max	B Min	B Max	GL mm
20s	E1W-M20s	M20 x 1,5	1/2"	8,8	11,7	11,8	16	15
20L	E1W-M20L	M20 x 1,5	1/2"	11,4	14	14	20,8	15
25s	E1W-M25s	M25 x 1,5	3/4"	13	16	18	24	15
25L	E1W-M25L	M25 x 1,5	3/4"	17,3	20	20,3	27,4	15
32s	E1W-M32s	M32 x 1,5	1"	20	23	24,5	31	15
32L	E1W-M32L	M32 x 1,5	1"	24,2	26,3	26,5	33,5	15
40s	E1W-M40s	M40 x 1,5	1 1/4"	26	29	30,4	36	15
40L	E1W-M40L	M40 x 1,5	1 1/4"	29,5	32,1	33,2	40	15
50s	E1W-M50s	M50 x 1,5	1 1/2"	33	38,1	40	46,5	15
50L	E1W-M50L	M50 x 1,5	2"	38	44	44	52,6	20
63s	E1W-M63s	M63 x 1,5	2"	44	50,5	50	59	20
63L	E1W-M63L	M63 x 1,5	2 1/2"	50	56	56	66	20
75s	E1W-M75s	M75 x 1,5	2 1/2"	56	62	63,5	71	20
75L	E1W-M75L	M75 x 1,5	3"	62	68,5	69	78	20
90L	E1W-M90L	M90 x 2	3"	65	80	84	96	20
100	E1W-M100	M100 x 2	3 1/2"	82	90	84	102	20

CW SINGLE COMPRESSION

BS 6121 INDUSTRIAL TYPE GLANDS





ARMOURED CABLE GLANDS

CW SERIES

TECHNICAL DETAILS

Type	: CW (Single compression gland)
Material	: Brass with or without nickel plated
Standards	: BS 6121
Protection class	: IP66 & IP67
Temperature	: -20 °C +80 °C:
Thread options	: Metric , NPT , BSP & PG
Application	: For indoor or outdoor use with all types of SWA cables
Accessories	: Matching accessories available like PVC Shrouds locknuts & earth tag
Function	: CW type glands provide a seal on the outer sheath and an armour specific armour clamp for armoured cable. the armour clamp provides an electrical bond armour cable and the gland.

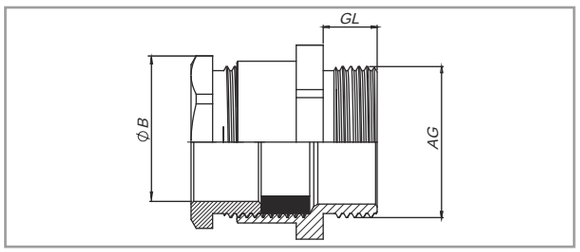
PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	B Min	B Max	GL mm
20s	CW-M20s	M20 x 1,5	1/2"	11,5	15,5	10
20L	CW-M20L	M20 x 1,5	1/2"	14	20,5	10
25s	CW-M25s	M25 x 1,5	3/4"	18	24	10
25L	CW-M25L	M25 x 1,5	3/4"	20	27,2	10
32L	CW-M32L	M32 x 1,5	1"	26,3	33,5	10
40s	CW-M40s	M40 x 1,5	1 1/4"	31,5	39,5	13
40L	CW-M40L	M40 x 1,5	1 1/4"	32	40	13
50s	CW-M50s	M50 x 1,5	1 1/2"	38,2	46,3	13
50L	CW-M50L	M50 x 1,5	2"	44	52,6	13
63s	CW-M63s	M63 x 1,5	2"	50,1	59	14
63L	CW-M63L	M63 x 1,5	2 1/2"	56	65,3	14
75s	CW-M75s	M75 x 1,5	2 1/2"	62	71,6	15
75L	CW-M75L	M75 x 1,5	3"	68	78	15
90L	CW-M90L	M90 x 2	3"	80,5	91	20

A2 UNARMOURED GABLE GLANDS

BS 6121 INDUSTRIAL TYPE GLANDS





UNARMOURED CABLE GLANDS

A2 SERIES

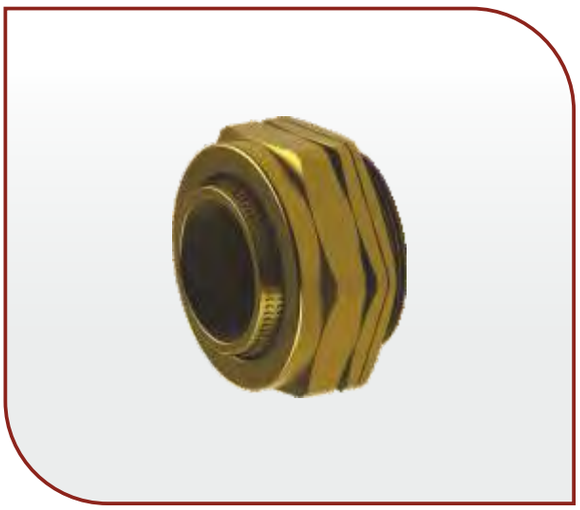
TECHNICAL DETAILS

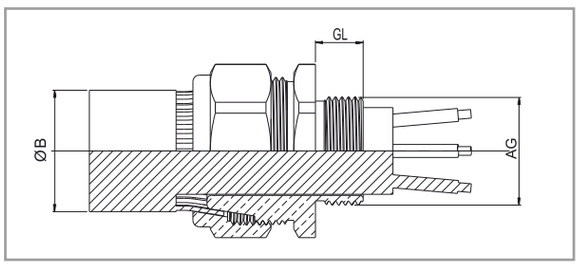
Type	: A2 (Single compression gland)
Material	: Brass with or without nickel plated
Standards	: BS 6121
Protection class	: IP66 & 68
Temperature	: -20 °C +80 °C:
Thread options	: Metric , NPT , BSP & PG
Application	: For indoor or outdoor use with all types of unarmoured cables
Accessories	: Matching accessories available like PVC Shrouds locknuts & earth tag
Function	: A2 type glands provide a single pull resistant seal on the outer sheath of unarmoured cable.

PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	B Min	B Max	GL mm
20s	A2-M20s	M20 x 1,5	1/2"	8	11,5	10
20L	A2-M20L	M20 x 1,5	1/2"	11	13,5	10
25s	A2-M25s	M25 x 1,5	3/4"	13	16,5	10
25L	A2-M25L	M25 x 1,5	3/4"	16	19,5	10
32L	A2-M32L	M32 x 1,5	1"	19	25,5	10
40s	A2-M40s	M40 x 1,5	1 1/4"	23	29	15
40L	A2-M40L	M40 x 1,5	1 1/4"	25	32	15
50s	A2-M50s	M50 x 1,5	1 1/2"	31,5	37	15
50L	A2-M50L	M50 x 1,5	2"	36,5	43	15
63s	A2-M63s	M63 x 1,5	2"	42,5	50	15
63L	A2-M63L	M63 x 1,5	2 1/2"	49,5	55	15
75s	A2-M75s	M75 x 1,5	2 1/2"	54,5	61	15
75L	A2-M75L	M75 x 1,5	3"	60,5	67	15
90	A2-M90	M90 x 2	3"	65	78	20

BS 6121 INDUSTRIAL TYPE GLANDS





ARMOURED CABLE GLANDS

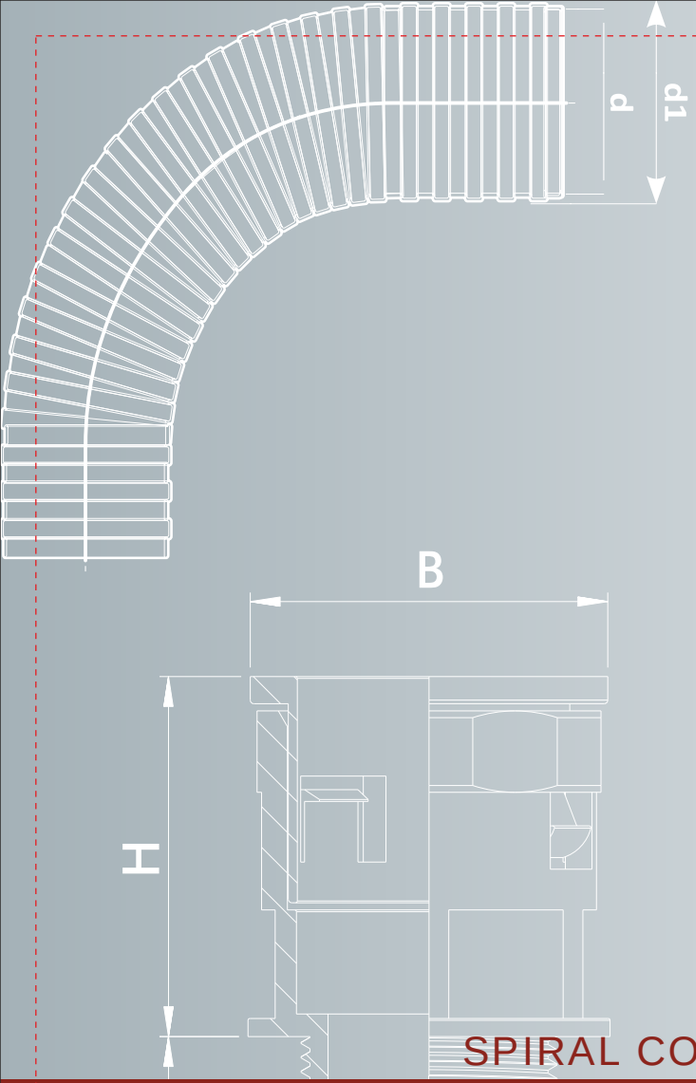
BW SERIES

TECHNICAL DETAILS

Type	: BW type armoured gland
Material	: Brass with or without nickel plated
Standards	: BS 6121
Protection class	: IP30
Temperature	: -80 °C +600 °C:
Thread options	: Metric , NPT , BSP & PG
Application	: Dry Indoor, for use with all types of SWA cable
Accessories	: Matching accessories available like PVC Shrouds locknuts & earth tag
Function	: BW type glands provide mechanical cable retention & electrical wire continuity via armoured wire

PRODUCT RANGE OVERVIEW

Product Size	Product Code	Standard AG	AG NPT	B Min	B Max	GL
20s	BWL-M20s	M20x1,5	1/2"	11,5	15,5	10
20L	BWL-M20L	M20x1,5	1/2"	14	20,5	10
25L	BWL-M25L	M25x1,5	3/4"	20	27,2	10
32L	BWL-M32L	M32x1,5	1"	26,3	33,5	10
40	BWL-M40	M40x1,5	1 1/4"	32	40	15
50s	BWL-M50s	M50x1,5	1 1/2"	38,2	46,3	15
50L	BWL-M50L	M50x1,5	2"	44	52,6	15
63s	BWL-M63s	M63x1,5	2"	50,1	59	15
63L	BWL-M63L	M63x1,5	2 1/2"	56	65,3	15
75s	BWL-M75s	M75x1,5	2 1/2"	62	71,6	15
75L	BWL-M75L	M75x1,5	3"	68	78	15
90	BWL-M90	M90x2	3"	80,5	91	20



tacflex

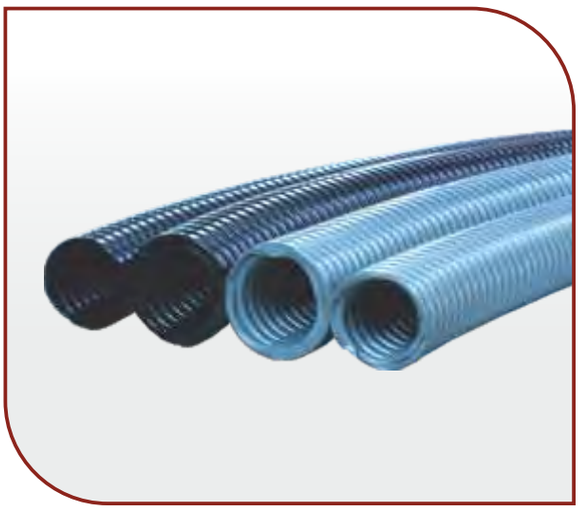
SPIRAL CONDUITS & FITTINGS SYSTEMS



TACFLEX POLYAMIDE SPIRAL CONDUITS

DB Din 5510

tacflex



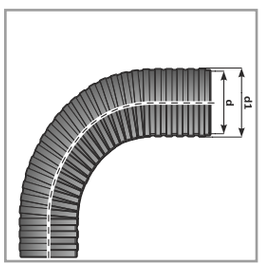
PLASTIC SPIRAL CONDUITS

PA 6

TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Color	: Grey (RAL7031) Black (RAL9005) * Orange or any other color available on request
Temperature range	: -40 °C +120 °C
Flammability class	: UL94 V2

Properties
High fatigue life
High impact strength
Halogen free
Self extinguishing
High abrasion resistance
Full-shrink packing



POLYAMİD SPİRAL BORU

Hammaddesi	:	Polyamid PA6 V2
Renk	:	RAL 7031 (Gri)
	:	RAL 9005 (Siyah)
Çalışma sıcaklığı	:	-40 °C + 120 °C
Kullanım alanları	:	Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotiv, tramvay, gemi otomatik makinaları, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

PRODUCT RANGE OVERVIEW

PA6 SPIRAL CONDUITS

Halogen free

Nominal Diameter	Gray Code RAL 7031	Black Code RAL 9005	d Ø mm.	d1 Ø mm.	Roll Length mt.
7	OGPA 7	OSPA 7	6,5	10	100
8,5	OGPA 8,5	OSPA 8,5	8,5	12	100
9	OGPA 9	OSPA 9	10	13	100
11	OGPA 11	OSPA 11	12	15,8	50
13,5	OGPA 13,5	OSPA 13,5	14,2	18,4	50
16	OGPA 16	OSPA 16	16,5	21,2	50
21	OGPA 21	OSPA 21	23,5	28,4	50
29	OGPA 29	OSPA 29	29	34,5	25
36	OGPA 36	OSPA 36	36	42,5	25
48	OGPA 48	OSPA 48	48	54,5	25

TACFLEX POLYAMIDE V0 SPIRAL CONDUITS

DB Din 5510

tacflex



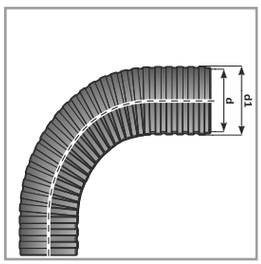
PLASTIC SPIRAL CONDUITS

PA 6 V0

TECHNICAL DETAILS

Material	: Polyamide PA6 V0
Color	: Grey (RAL7031) Black (RAL9005)
	* Orange or any other color available on request
Temperature range	: -40 °C +120 °C
Flammability class	: UL94 V0

Properties
High fatigue life
High impact strength
Halogen free
Self extinguishing
High abrasion resistance
High UV resistance (black)
Full-shrink packing



POLYAMİD V0 SPİRAL BORU

Hammaddesi	:	Polyamid PA6 V0
Renk	:	RAL 7031 (Gri)
	:	RAL 9005 (Siyah)
Çalışma sıcaklığı	:	-40 °C + 120 °C
Kullanım alanları	:	Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotiv, tramvay, gemi otomatik makinaları, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

PRODUCT RANGE OVERVIEW

PA6 SPIRAL CONDUITS

Halogen free

Nominal Diameter	Gray Code ■ RAL 7031	Black Code ■ RAL 9005	d Ø mm.	d1 Ø mm.	Roll Length mt.
7	OGPAV0 7	OSPAV0 7	6,5	10	100
8,5	OGPAV0 8,5	OSPAV0 8,5	8,5	12	100
9	OGPAV0 9	OSPAV0 9	10	13	100
11	OGPAV0 11	OSPAV0 11	12	15,8	50
13,5	OGPAV0 13,5	OSPAV0 13,5	14,2	18,4	50
16	OGPAV0 16	OSPAV0 16	16,5	21,2	50
21	OGPAV0 21	OSPAV0 21	23,5	28,4	50
29	OGPAV0 29	OSPAV0 29	29	34,5	25
36	OGPAV0 36	OSPAV0 36	36	42,5	25
48	OGPAV0 48	OSPAV0 48	48	54,5	25

DB Din 5510

tacflex



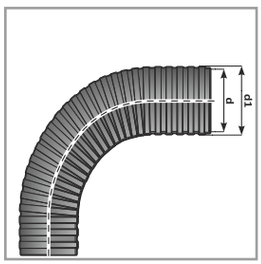
PLASTIC SPIRAL CONDUITS

PA 6 / SPLIT TYPE

TECHNICAL DETAILS

Material	: Polyamide PA6 V2/V0
Color	: Grey (RAL7031) Black (RAL9005) * Orange or any other color available on request
Temperature range	: -40 °C +120 °C
Flammability class	: UL94 V2&V0

Properties
Slit version
High fatigue life
High impact strength
Halogen free
Self extinguishing
High abrasion resistance
High UV resistance (black)
Full-shrink packing



PA6 YARIKLI TİP SPİRAL BORU

Hammaddesi	:	Polyamid PA6
Renk	:	RAL 7031 (Gri)
	:	RAL 9005 (Siyah)
Çalışma sıcaklığı	:	-40 °C + 120 °C
Kullanım alanları	:	Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotiv, tramvay, gemi otomatik makinaları, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

PRODUCT RANGE OVERVIEW

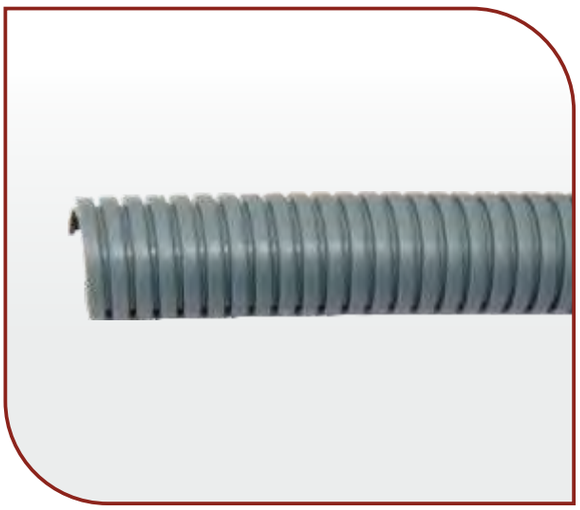
SPLIT TYPE SPA6 SPIRAL CONDUITS

Halogen free

Nominal Diameter	Gray Code RAL 7031	Black Code RAL 9005	d Ø mm.	d1 Ø mm.	Roll Length mt.
7	OGPAY 7	OSPAY 7	6,5	10	100
8,5	OGPAY 8,5	OSPAY 8,5	8,5	12	100
9	OGPAY 9	OSPAY 9	10	13	100
11	OGPAY 11	OSPAY 11	12	15,8	50
13,5	OGPAY 13,5	OSPAY 13,5	14,2	18,4	50
16	OGPAY 16	OSPAY 16	16,5	21,2	50
21	OGPAY 21	OSPAY 21	23,5	28,4	50
29	OGPAY 29	OSPAY 29	29	34,5	25
36	OGPAY 36	OSPAY 36	36	42,5	25
48	OGPAY 48	OSPAY 48	48	54,5	25

TACFLEX POLYPROPYLENE SPIRAL CONDUITS

tacflex



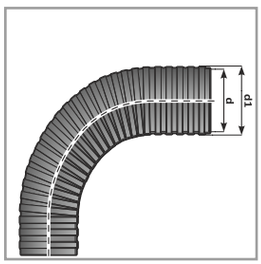
PLASTIC SPIRAL CONDUITS

POLYPROPYLENE

TECHNICAL DETAILS

Material	: Polypropylene
Color	: Grey (RAL7031) Black (RAL9005)
	* Orange or any other color available on request
Temperature range	: -20 °C +90 °C

Properties
Self extinguishing
Full-shrink packing
Acid resistance



PP SPİRAL BORU

Hammaddesi	:	Polipropilen
Renk	:	RAL 7031 (Gri)
	:	RAL 9005 (Siyah)
Çalışma sıcaklığı	:	-20 °C + 90 °C
Kullanım alanları	:	Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotiv, tramvay, gemi otomatik makinaları, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

PP SPIRAL CONDUITS

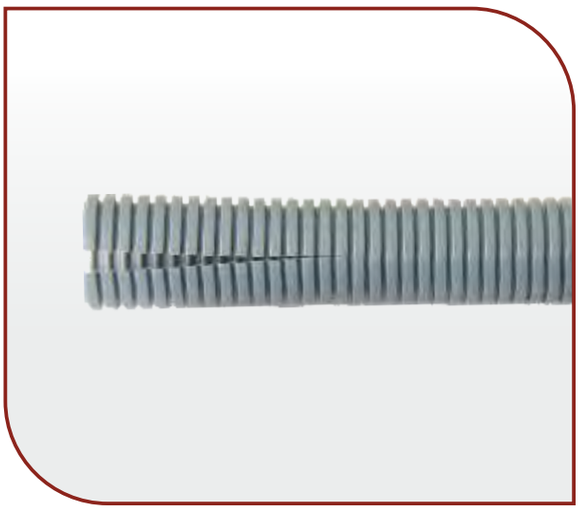
PRODUCT RANGE OVERVIEW

Nominal Diameter	Gray Code ■ RAL 7031	Black Code ■ RAL 9005	d Ø mm.	d1 Ø mm.	Roll Length mt.
7	OGPP 7	OSPP 7	6,5	10	100
8,5	OGPP 8,5	OSPP 8,5	8,5	12	100
9	OGPP 9	OSPP 9	10	13	100
11	OGPP 11	OSPP 11	12	15,8	50
13,5	OGPP 13,5	OSPP 13,5	14,2	18,4	50
16	OGPP 16	OSPP 16	16,5	21,2	50
21	OGPP 21	OSPP 21	23,5	28,4	50
29	OGPP 29	OSPP 29	29	34,5	25
36	OGPP 36	OSPP 36	36	42,5	25
48	OGPP 48	OSPP 48	48	54,5	25

TACFLEX PP SPIRAL - SPLIT TYPE

RoHS 2002/95/EC

tacflex



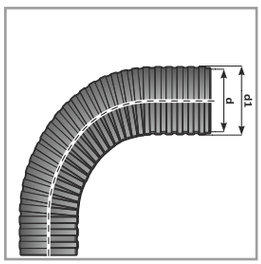
PLASTIC SPIRAL CONDUITS

PP / SPLIT TYPE

TECHNICAL DETAILS

Material	: Polypropylene
Color	: Grey (RAL7031) Black (RAL9005)
	* Orange or any other color available on request
Temperature range	: -20 °C +90 °C

Properties
Slit version
Self extinguishing
Full-shrink packing
Acid resistance



PP YARIKLI TİP SPİRAL BORU

Hammaddesi	:	Polipropilen
Renk	:	RAL 7031 (Gri)
	:	RAL 9005 (Siyah)
Çalışma sıcaklığı	:	-20 °C + 90 °C
Kullanım alanları	:	Mekanik ve ekipman cihaz bağlantılarında makine, matbaa, otomotiv, lokomotiv, tramvay, gemi otomatik makinaları, endüstriyel tesis montajlarında, aydınlatma ve elektrik pano montajlarında kullanılmaktadır.

PRODUCT RANGE OVERVIEW

SPLIT TYPE PP SPIRAL CONDUITS

Nominal Diameter	Gray Code ■ RAL 7031	Black Code ■ RAL 9005	d Ø mm.	d1 Ø mm.	Roll Length mt.
7	OGPPY 7	OSPPY 7	6,5	10	100
8,5	OGPPY 8,5	OSPPY 8,5	8,5	12	100
9	OGPPY 9	OSPPY 9	10	13	100
11	OGPPY 11	OSPPY 11	12	15,8	50
13,5	OGPPY 13,5	OSPPY 13,5	14,2	18,4	50
16	OGPPY 16	OSPPY 16	16,5	21,2	50
21	OGPPY 21	OSPPY 21	23,5	28,4	50
22	OGPPY 22	OSPPY 22	22	27,5	50
29	OGPPY 29	OSPPY 29	29	34,5	25
36	OGPPY 36	OSPPY 36	36	42,5	25
48	OGPPY 48	OSPPY 48	48	54,5	25

TACFLEX PVC SPIRAL CONDUITS

tacflex



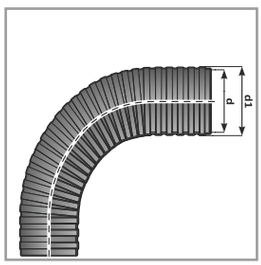
PLASTIC SPIRAL CONDUITS

PVC

TECHNICAL DETAILS

Material	: PVC
Color	: Grey (RAL7035) Black (RAL9005)
Temperature range	: -5 °C +70 °C
Standards	: EN50086-1 (CEI 23-29)
	: EN50086-2-3 (CEI 23-56)
	: EN613086-1-2-3
Compression resistance	: 320N

Properties
30 mt. Roll length



PVC SPİRAL BORU

Hammaddesi	:	Sert PVC
Renk	:	RAL 7035 (Gri)
İzolasyona dayanıklılık	:	> 100 MΩ
Basınca dayanıklılık	:	350 N
Sürekli ısıya direnci	:	-5 °C + 70 °C
Referans standartları	:	EN50086-1 (CEI 23-29)
		EN50086-2-3 (CEI 23-56)
		IEC EN61386-1-2-3

PVC SPIRAL CONDUITS

PRODUCT RANGE OVERVIEW

Gray Code ■ RAL 7031	d Ø mm.	d1 Ø mm.	Roll Length mt.
GGX 8	8	12	30
GGX 10	10	14,5	30
GGX 12	12	16,3	30
GGX 14	14	18,6	30
GGX 16	16	20,5	30
GGX 20	20	24,7	30
GGX 22	22	27	30
GGX 25	25	30,3	30
GGX 28	28	33,2	30
GGX 30	30	36	30
GGX 32	32	37,5	30
GGX 35	35	40,5	30
GGX 38	38	44,1	30
GGX 40	40	46,2	30
GGX 45	45	51,8	30
GGX 50	50	57	30

tacflex

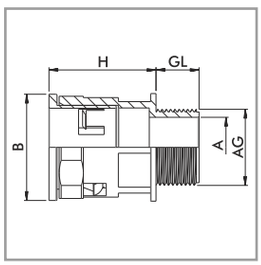


POLYAMIDE CONDUIT GLANDS
METRIC THREAD

TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)
Color	: Grey (RAL7031) Black (RAL9005)
Temperature range	: -40 °C +120 °C

Properties
UV resistance (black)
Easy to assemble
Halogen free
Apply with either PA or PP conduits



GEÇMELİ TİP SPİRAL BORU RAKORU

Hammaddesi	:	Polyamid
Renk	:	RAL 7031 (Gri)
		RAL 9005 (Siyah)
Bağlantı dişi M	:	EN 60423
Çalışma sıcaklığı	:	-40 °C + 120 °C

PRODUCT RANGE OVERVIEW

METRIC CONDUIT GLANDS

Halogen free

AG mm.	Gray Code RAL 7031	Black Code RAL 7031	Spiral Diameter mm.	H mm.	GL mm.	A mm.	B mm.	mm.
M 12 x 1,5	ODG10-M12	ODB10-M12	6,5 x 10	26	11	6,9	18,7	15
M 12 x 1,5	ODG12-M12	ODB12-M12	8,5 x 12	26	11	8,2	20,7	17
M 16 x 1,5	ODG13-M16	ODB13-M16	10 x 13	26	11	10,8	21,7	18
M 16 x 1,5	ODG15-M16	ODB15-M16	12 x 15,8	26,5	11	10,9	26	20
M 20 x 1,5	ODG18-M20	ODB18-M20	14,2 x 18,4	31	11	14,7	28	23
M 20 x 1,5	ODG21-M20	ODB21-M20	16,5 x 21,2	33	13	15,2	32	27
M 25 x 1,5	ODG28-M25	ODB28-M25	23 x 28,4	39	16	18,7	39,5	34
M 32 x 1,5	ODG34-M32	ODB34-M32	29 x 34,5	43	16	25,7	46,5	40
M 40 x 1,5	ODG42-M40	ODB42-M40	36 x 42,5	45,5	16	32,7	55,5	50
M 63 x 1,5	ODG54-M63	ODB54-M63	48 x 54,5	47,5	16	51,4	67,5	62

SPECIAL SIZE METRIC

M 12 x 1,5	ODG13-M12	ODB13-M12	10 x 13	26	11	8	21,7	18
M 20 x 1,5	ODG13-M20	ODB13-M20	10 x 13	26	11	10,5	21,7	18
M 20 x 1,5	ODG15-M20	ODB15-M20	12 x 15,8	26,5	11	13	26	20
M 16 x 1,5	ODG18-M16	ODB18-M16	14,2 x 18,4	31	11	10,3	28	23
M 25 x 1,5	ODG21-M25	ODB21-M25	16,5 x 21,2	33	13	18,6	32	27
M 32 x 1,5	ODG28-M32	ODB28-M32	23 x 28,4	39	16	26,8	39,5	34
M 40 x 1,5	ODG34-M40	ODB34-M40	29 x 34,5	43	16	32,6	46,5	40
M 50 x 1,5	ODG42-M50	ODB42-M50	36 x 42,5	45,5	16	40,2	55,5	50
M 50 x 1,5	ODG54-M50	ODB54-M50	48 x 54,5	47,5	16	43,1	67,5	62

TACFLEX POLYAMIDE CONDUIT GLANDS

tacflex

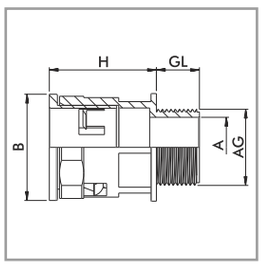


POLYAMIDE CONDUIT GLANDS
PG THREAD

TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Connection thread	: PG (EN 60423)
Color	: Grey (RAL7031) Black (RAL9005)
Temperature range	: -40 °C +120 °C

Properties
UV resistance (black)
Easy to assemble
Halogen free
Apply with either PA or PP conduits



GEÇMELİ TİP SPİRAL BORU RAKORU

Hammaddesi	:	Polyamid
Renk	:	RAL 7031 (Gri)
		RAL 9005 (Siyah)
Bağlantı dişi PG	:	DIN 40430
Çalışma sıcaklığı	:	-40 °C + 120 °C

PRODUCT RANGE OVERVIEW

PG CONDUIT GLANDS

AG mm.	Gray Code RAL 7031	Black Code RAL 7031	Spiral Dismeter mm.	H mm.	GL mm.	A mm.	B mm.	mm.
PG 7	ODG10-PG7	ODB10-PG7	6,5 x 10	26	11	6,9	18,7	15
PG 7	ODG12-PG7	ODB12-PG7	8,5 x 12	26	11	8,2	20,7	17
PG 9	ODG13-PG9	ODB13-PG9	10 x 13	26	11	10,3	21,7	18
PG 11	ODG15-PG11	ODB15-PG11	12 x 15,8	26,5	11	13,3	26	20
PG 13,5	ODG18-PG13,5	ODB18-PG13,5	14,2 x 18,4	31	11	15,3	28	23
PG 16	ODG21-PG16	ODB21-PG16	16,5 x 21,2	33	13	16,6	32	27
PG 21	ODG28-PG21	ODB28-PG21	23 x 28,4	39	16	22,3	39,5	34
PG 29	ODG34-PG29	ODB34-PG29	29 x 34,5	43	16	31,7	46,5	40
PG 36	ODG42-PG36	ODB42-PG36	36 x 42,5	45,5	16	40,5	55,5	50
PG 48	ODG54-PG48	ODB54-PG48	48 x 54,5	47,5	16	51,7	67,5	62

Halogen free

SPECIAL SIZE PG

PG 7	ODG13-PG7	ODB13-PG7	10 x 13	26	11	8	21,7	18
PG 11	ODG13-PG11	ODB13-PG11	10 x13	26	11	10,6	21,7	18
PG 13,5	ODG13-PG13,5	ODB13-PG13,5	10 x 13	26	11	10,6	21,7	18
PG 9	ODG15-PG9	ODB15-PG9	12 x 15,8	26,5	11	11,8	26	20
PG 13,5	ODG15-PG13,5	ODB15-PG13,5	12 x 15,8	26,5	11	13	26	20
PG 9	ODG18-PG9	ODB18-PG9	14,2 x 18,4	31	11	11,8	28	23
PG 11	ODG18-PG11	ODB18-PG11	14,2 x 18,4	31	11	13,8	28	23
PG 13,5	ODG21-PG13,5	ODB21-PG13,5	16,5 x 21,2	33	13	15,9	32	27

tacflex



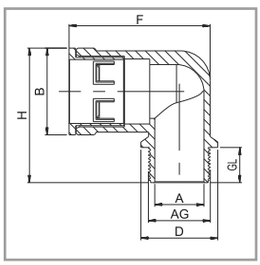
POLYAMIDE CONDUIT GLANDS

90° ELBOW TYPE

TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Color	: Grey (RAL7031) Black (RAL9005)
Temperature range	: -40 °C +120 °C

Properties
UV resistance (black)
Easy to assemble
Halogen free
Apply with either PA or PP conduits



90° DİRSEK SPİRAL BORU RAKORU

Hammaddesi	:	Polyamid
Renk	:	RAL 7031 (Gri)
		RAL 9005 (Siyah)
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Çalışma sıcaklığı		-40 °C + 120 °C

METRIC/PG CONDUIT GLANDS

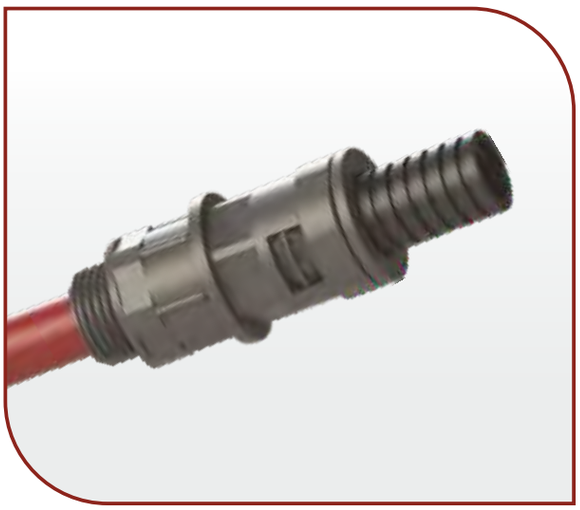
PRODUCT RANGE OVERVIEW

Halogen free

AG mm.	Gray Code RAL 7031	Black Code RAL 7031	Spiral Diameter mm.	H mm.	GL mm.	A mm.	B mm.	B mm.	B mm.
M 12 x 1,5	ODDG10-M12	ODDB10-M12	6,5 x 10	36,3	11	8,2	18,7	17	35,7
M 16 x 1,5	ODDG13-M16	ODDB13-M16	10 x 13	37,3	11	10,8	21,7	20	38,5
M 16 x 1,5	ODDG15-M16	ODDB15-M16	12 x 15,8	41	11	10,9	26	23	43,8
M 20 x 1,5	ODDG18-M20	ODDB18-M20	14,2 x 18,4	44	11	14,7	28	26	46
M 20 x 1,5	ODDG21-M20	ODDB21-M20	16,5 x 21,2	51,5	13	15,2	32	29	51
M 25 x 1,5	ODDG28-M25	ODDB28-M25	23 x 28,4	61,2	16	18,7	39,5	35	64,3
M 32 x 1,5	ODDG34-M32	ODDB34-M32	29 x 34,5	69,2	16	25,2	46,5	43	70,9
M 40 x 1,5	ODDG42-M40	ODDB42-M40	36 x 42,5	78,2	16	32,7	55,5	54	88,6
M 63 x 1,5	ODDG54-M63	ODDB54-M63	48 x 54,5	91,2	16	55,2	67,5	69	95
PG 7	ODDG10-PG 7	ODDB10-PG 7	6,5 x 10	36,3	11	8,2	18,7	17	35,7
PG 9	ODDG13-PG 9	ODDB13-PG 9	10 x 13	37,3	11	10,3	21,7	20	38,5
PG 11	ODDG15-PG 11	ODDB15-PG 11	12 x 15,8	41	11	13,3	26	23	43,8
PG 13,5	ODDG18-PG 13,5	ODDB18-PG 13,5	14,2 x 18,4	44	11	15,3	28	26	46
PG 16	ODDG21-PG 16	ODDB21-PG 16	16,5 x 21,2	51,5	13	16,6	32	29	51
PG 21	ODDG28-PG 21	ODDB28-PG 21	23 x 28,4	61,2	16	22,4	39,5	35	64,3
PG 29	ODDG34-PG 29	ODDB34-PG 29	29 x 34,5	69,2	16	31,7	46,5	43	70,9
PG 36	ODDG42-PG 36	ODDB42-PG 36	36 x 42,5	78,2	16	40,5	55,5	54	88,6
PG 48	ODDG54-PG 48	ODDB54-PG 48	48 x 54,5	91,2	16	51,7	67,5	69	95

TACFLEX PA6 CONDUIT GLANDS WITH CABLE HOLDER

tacflex

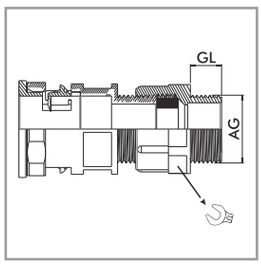


POLYAMIDE CONDUIT GLANDS WITH CABLE HOLDER

TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)/PG (DIN 40430)
Color	: Grey (RAL7031) Black (RAL9005)
Temperature range	: -40 °C +120 °C
Protection class	: IP54

Properties
UV resistance (black)
Easy to assemble
Halogen free
Apply with either PA or PP conduits



KABLO TUTUCULU GEÇMELİ TİP SPİRAL BORU RAKORU

Hammaddesi	:	Polyamid
Renk	:	RAL 7031 (Gri) RAL 9005 (Siyah)
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Çalışma sıcaklığı	:	-40 °C + 120 °C

PRODUCT RANGE OVERVIEW

PG/METRIC CONDUIT GLANDS

Halogen free

AG mm.	Black Code ■ RAL 9005	Spiral Diameter mm.	GL mm.	mm.	mm.
M 12 x 1,5	ODBR10-M12	6,5 x 10	8	15	3,5 - 6
M 12 x 1,5	ODBR12-M12	8,5 x 12	8	15	3,5 - 6
M 16K x 1,5	ODBR13-M16K	10 x 13	8	19	4,5 - 7
M 16K x 1,5	ODBR15-M16K	12 x 15,8	8	19	4,5 -7
M 16K x 1,5	ODBR18-M16K	14,2 x 18,4	8	19	4,5 - 7
M 16 x 1,5	ODBR13-M16	10 x 13	8	22	6 - 9
M 16 x 1,5	ODBR15-M16	12 x 15,8	8	22	6 - 9
M 16 x 1,5	ODBR18-M16	14,2 x 18,4	8	22	6 - 9
M 20K x 1,5	ODBR13-M20K	10 x 13	9	24	9 - 12
M 20K x 1,5	ODBR15-M20K	12 x 15,8	9	24	9 - 12
M 20K x 1,5	ODBR18-M20K	14,2 x 18,4	9	24	9 - 12
M 20K x 1,5	ODBR21-M20K	16,5 x 21,2	9	24	9 - 12
M 20 x 1,5	ODBR21-M20	16,5 x 21,2	10	27	11 - 14
M 25 x 1,5	ODBR28-M25	23 x 28,4	11	33	14 - 18
PG 7	ODBR10-PG7	6,5 x 10	8	15	3,5 - 6
PG 7	ODBR12-PG7	8,5 x 12	8	15	3,5 - 6
PG 9	ODBR13-PG9	10 x 13	8	19	4,5 - 7
PG 9	ODBR15-PG9	12 x 15,8	8	19	4,5 - 7
PG 9	ODBR18-PG9	14,2 x 18,4	8	19	4,5 - 7
PG 11	ODBR13-PG11	10 x 13	8	22	6 - 9
PG 11	ODBR15-PG11	12 x 15,8	8	22	6 - 9
PG 11	ODBR18-PG11	14,2 x 18,4	8	22	6 - 9
PG 13,5	ODBR13-PG13,5	10 x 13	9	24	9 - 12
PG 13,5	ODBR15-PG13,5	12 x 15,8	9	24	9 - 12
PG 13,5	ODBR18-PG13,5	14,2 x 18,4	9	24	9 - 12
PG 13,5	ODBR21-PG13,5	16,5 x 21,2	9	24	9 - 12
PG 16	ODBR21-PG16	16,5 x 21,2	10	27	11 - 14
PG 21	ODBR28-PG21	23 x 28,4	11	33	14 - 18
PG 29	ODBR34-PG29	29 x 34,5	11	42	18 - 25
PG 36	ODBR42-PG36	36 x 42,5	13	53	25 - 32

tacflex

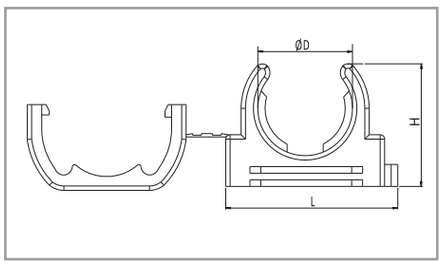


POLYAMIDE CLIPS
FOR SPIRAL CONDUITS

TECHNICAL DETAILS

Material	: Polyamide PA6 V2
Color	: Grey (RAL7031) Black (RAL9005)
Temperature range	: -40 °C +120 °C

Properties
UV resistance (black)
Easy to assemble
Halogen free
Apply with either PA or PP conduits



POLYAMİD KAPAKLI KLİPS

Hammaddesi	:	Polyamid PA6
Renk	:	RAL 7031 (Gri)
		RAL 9005 (Siyah)
Çalışma sıcaklığı	:	-40 °C + 120 °C
Özellikler	:	Kapak atmama özelliği
		Yan yana takılabilme özelliği
		Alt - üst'ten spiral tutma özelliği

POLYAMIDE CLIPS

PRODUCT RANGE OVERVIEW

Halogen free

Gray Code RAL 7031	Black Code RAL 9005	Spiral Code	L mm.	H mm.	Ø D mm.
ODGK 10	ODBK 10	OGPA 7	24,5	15	10
ODGK 13	ODBK 13	OGPA 9	24,5	15	13
ODGK 15	ODBK 15	OGPA 11	30	21	15,8
ODGK 18	ODBK 18	OGPA 13,5	34	24	18,5
ODGK 21	ODBK 21	OGPA 16	39	28	21,5
ODGK28	ODBK28	OGPA 21	51	37	28,5
ODGK34	ODBK34	OGPA 29	62	45,5	35
ODGK 42	ODBK 42	OGPA 36	74,5	55,5	42,5
ODGK 54	ODBK 54	OGPA 48	95,5	71	55

TACFLEX CONDUIT GLANDS FOR PVC SPIRAL

tacflex

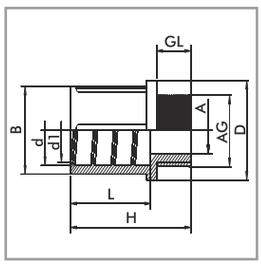


POLYAMIDE CONDUIT GLANDS
FOR PVC / METAL PIPES

TECHNICAL DETAILS

Material : Polyamide PA6 V2
Connection thread : Metric (EN60423)/ PG (DIN40430)
Color : Grey (RAL7001/7035) Black (RAL9005)
Temperature range : -40 °C +120 °C

Properties
UV resistance (black)
Easy to assemble
Halogen free
Apply with either plastic or metal conduits



PVC SPİRAL BORU RAKORLARI

Hammaddesi : Polyamid
Renk : RAL 7001 (Gri)
RAL 7035 (A. Gri)
RAL 9005 (Siyah)
Bağlantı dişi M EN 60423
Bağlantı dişi PG DIN 40430
Çalışma sıcaklığı -40 °C + 120 °C

METRIC/PG CONDUIT GLANDS

PRODUCT RANGE OVERVIEW

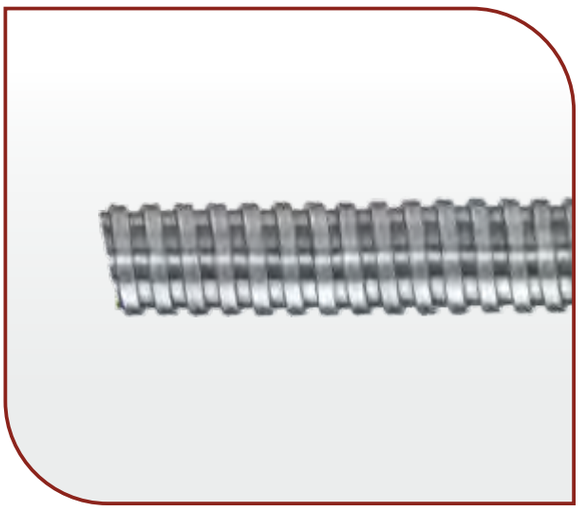
Halogen free

AG Thread	Gray Code RAL 7001	L. Gray Code RAL 7035	Black Code RAL 9005	A mm.	B mm.	D mm.	GL mm.	H mm.	L mm.	d mm.	d1 mm.
M 12 x 1,5	MHG 01	MHL 01	MHB 01	7	16	17,5	8	29	20	13,3	11,6
M 16 x 1,5	MHG 02	MHL 02	MHB 02	10	19	20	8	29	20	15,8	13,6
M 16 x 1,5	MHG 03	MHL 03	MHB 03	11	22,5	24	8	32	23	20	17,7
M 20 x 1,5	MHG 04	MHL 04	MHB 04	13	24,5	26	9	34	24	21,8	18,8
M 20 x 1,5	MHG 05	MHL 05	MHB 05	15	26	27,5	10	35	24	23,5	20,7
M 25 x 1,5	MHG 06	MHL 06	MHB 06	19	32	33,5	11	38	25,5	29,2	26,5
M 40 x 1,5	MHG 07	MHL 07	MHB 07	31,5	41	42	11	43	30,5	38	34,7
M 50 x 1,5	MHG 08	MHL 08	MHB 08	40,8	51,8	53	14	54	33	47,6	42,9
M 63 x 1,5	MHG 09	MHL 09	MHB 09	50	62	64	14	57	37	57,7	53,3
										SPECIAL SIZE	
M 20 x 1,5	MHG 10	MHL 10	MHB 10	14,5	22,5	24	8	32	23	20	17
M 25 x 1,5	MHG 11	MHL 11	MHB 11	17,5	26	27,5	10	35	24	23,5	20,7
M 32 x 1,5	MHG 12	MHL 12	MHB 12	26,7	32	33,5	11	38	25,5	29,2	26,5
PG 7	OHG 01	OHL 01	OHB 01	7	16	17,5	8	29	20	13,3	11,6
PG 9	OHG 02	OHL 02	OHB 02	10	19	20	8	29	20	15,8	13,6
PG 11	OHG 03	OHL 03	OHB 03	13,5	22,5	24	8	32	23	20	17,7
PG 13,5	OHG 04	OHL 04	OHB 04	14	24,5	26	9	34	24	21,8	18,8
PG 16	OHG 05	OHL 05	OHB 05	16	26	27,5	10	35	24	23,5	20,7
PG 21	OHG 06	OHL 06	OHB 06	19	32	33,5	11	38	25,5	29,2	26,5
PG 29	OHG 07	OHL 07	OHB07	31,6	41	42	11	43	30,5	38	34,7
PG 36	OHG 08	OHL 08	OHB 08	40,8	51,8	53	14	54	33	47,6	42,9
PG 48	OHG 09	OHL 09	OHB 09	51	62	64	14	57	37	57,7	53,3

TACFLEX METAL FLEXIBLE CONDUITS

RoHS 2002/95/EC

tacflex

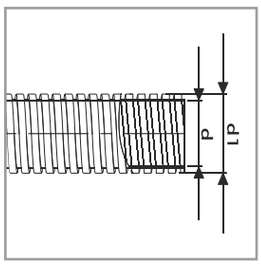


FLEXIBLE SPIRAL CONDUITS METAL

TECHNICAL DETAILS

Material : Galvanised steel
Protection class : IP40
Temperature range : -50 °C +300 °C

Properties
High impact strength
High abrasion resistance
Halogen free
Low fire hazard
Self extinguishing
Full-shrink packing



METAL SPİRAL BORULAR

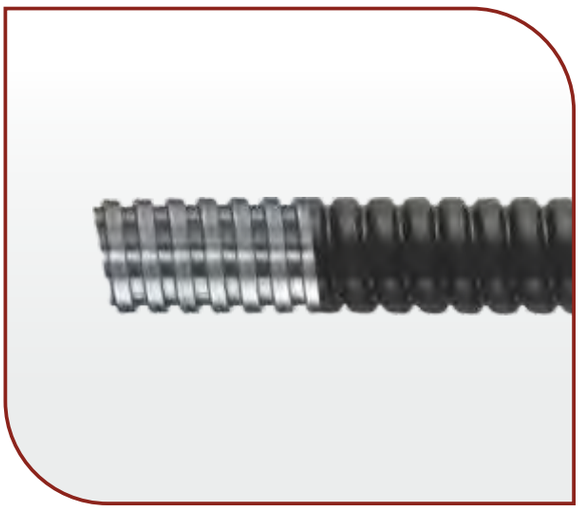
Hammaddesi : Galvaniz & kalay kaplı sac
Sürekli ısıya direnci : -50 °C + 300 °C

PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length mt.
OCGS 7	-	7,5	10,5	50
OCGS 9	1/4"	9	12	50
OCGS 11	3/8"	11	14	50
OCGS 13	3/8"	13	15,5	50
OCGS 14	-	14	17	50
OCGS 16	1/2"	16	19	50
OCGS 18	-	18	21	50
OCGS 21	3/4"	21	24	50
OCGS 26	1"	26	30	25
OCGS 29	-	29	33	25
OCGS 32	-	32	36	25
OCGS 35	11/4"	35	39	25
OCGS 37	-	37	41	25
OCGS 40	11/2"	40	44	25
OCGS 42	-	42	46	25
OCGS 45	-	45	49	25
OCGS 51	2"	51	55	25
OCGS 63	21/2"	63	67	15
OCGS 75	3"	75	80	15

TACFLEX PVC COATED METAL FLEXIBLE CONDUITS

tacflex



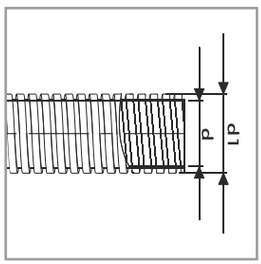
FLEXIBLE SPIRAL CONDUITS

PVC COATED METAL

TECHNICAL DETAILS

Material	: Galvanised steel PVC coated
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP54, IP65
Temperature range	: -15 °C +70 °C

Properties
High fatigue life
High impact strength
Self extinguishing
High UV resistance (black)
Full-shrink packing



PVC KAPLI METAL SPİRAL BORULAR

Hammaddesi	:	Galvaniz & kalay kaplı sac
Renk	:	Gri / Siyah
Kaplama	:	PVC
Sürekli ısıya direnci	:	-15 °C + 70 °C
Özellik	:	Alev iletmez UV dayanımlı

PRODUCT RANGE OVERVIEW

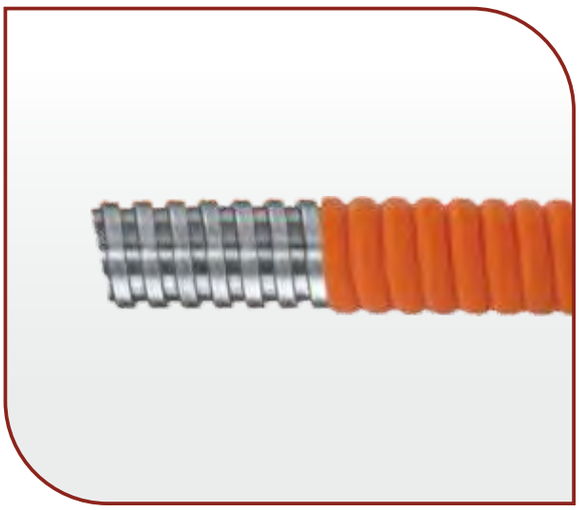
Code	Size	d mm.	d1 mm.	Roll Length mt.
OPCGS 7	-	7,5	11,5	50
OPCGS 9	1/4"	9	13	50
OPCGS 11	3/8"	11	15	50
OPCGS 13	3/8"	13	16,5	50
OPCGS 14	-	14	18	50
OPCGS 16	1/2"	16	20	50
OPCGS 18	-	18	22	50
OPCGS 21	3/4"	21	25	50
OPCGS 26	1"	26	31	25
OPCGS 29	-	29	34	25
OPCGS 32	-	32	37	25
OPCGS 35	11/4"	35	40	25
OPCGS 37	-	37	42	25
OPCGS 40	11/2"	40	45	25
OPCGS 42	-	42	47	25
OPCGS 45	-	45	50	25
OPCGS 51	2"	51	56	25
OPCGS 63	21/2"	63	68	15
OPCGS 75	3"	75	83	15

TACFLEX TPV COATED METAL FLEXIBLE CONDUITS

RoHS 2002/95/EC

HF Halogen Free

tacflex

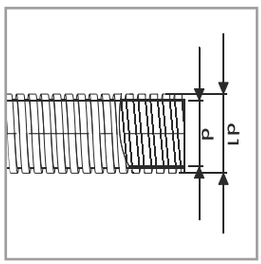


FLEXIBLE SPIRAL CONDUITS
TPV COATED

TECHNICAL DETAILS

Material : Galvanised steel TPV coated
Protection class : IP54, IP65
Temperature range : -20 °C +100 °C

Properties
High impact strength
Halogen free
Low fire hazard
Self extinguishing
High UV resistance (black)
Full-shrink packing



HALOGEN FREE KAPLI METAL SPİRAL BORULAR

Hammaddesi : Galvaniz & kalay kaplı sac
Renk : Turuncu / siyah
Kaplama : TPV
Sürekli ısıya direnci : -20 °C + 100 °C
Özellik : Halogen free
Alev iletmez
UV dayanımlı

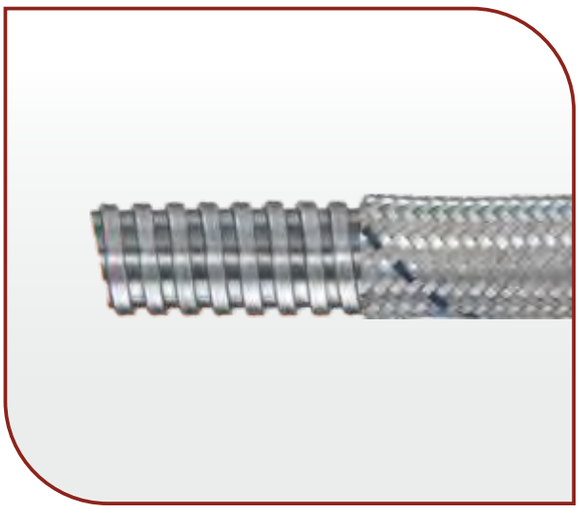
PRODUCT RANGE OVERVIEW

Halogen free

Code	Size	d mm.	d1 mm.	Roll Length mt.
OPCHF 7	-	7,5	11,5	50
OPCHF 9	1/4"	9	13	50
OPCHF 11	3/8"	11	115	50
OPCHF 13	3/8"	13	16,5	50
OPCHF 14	-	14	18	50
OPCHF 16	1/2"	16	20	50
OPCHF 18	-	18	22	50
OPCHF 21	3/4"	21	25	50
OPCHF 26	1"	26	31	25
OPCHF 29	-	29	34	25
OPCHF 32	-	32	37	25
OPCHF 35	11/4"	35	40	25
OPCHF 37	-	37	42	25
OPCHF 40	11/2"	40	45	25
OPCHF 42	-	42	47	25
OPCHF 45	-	45	50	25
OPCHF 51	2"	51	56	25
OPCHF 63	21/2"	63	68	15
OPCHF 75	3"	75	83	15

TACFLEX FLEXIBLE CONDUITS - Steel wire over braiding

tacflex



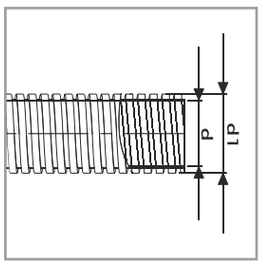
FLEXIBLE SPIRAL CONDUITS

STEEL WIRE OVER BRAIDING

TECHNICAL DETAILS

Material	: Galvanised steel galv. steel overbraid * SS overbraid available on request
Protection class	: IP40
Temperature range	: -50 °C +300 °C

Properties
High impact strength
Halogen free
Low fire hazard
Self extinguishing
High abrasion resistance
EMC screening
Full-shrink packing



ÇELİK TEL ÖRGÜLÜ METAL SPİRAL BORULAR

Hammaddesi	:	Galvaniz & kalay kaplı sac
Örgü kaplaması	:	Galvaniz / Paslanmaz çelik
Sürekli ısıya direnci	:	-50 °C + 300 °C
		Emc screen özelliği

PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length mt.
CTS 9	1/4"	9	14	50
CTS 10	1/4"	10	15	50
CTS 11	3/8"	11	16	50
CTS 13	3/8"	13	17,5	50
CTS 16	1/2"	16	21	50
CTS 21	3/4"	21	26	50
CTS 26	1"	26	32	25
CTS 35	11/4"	35	41	25
CTS 40	11/2"	40	46	25
CTS 51	2"	51	57	25

TACFLEX FLEXIBLE CONDUITS - Steel wire over braiding

RoHS 2002/95/EC

tacflex

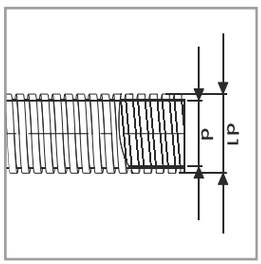


FLEXIBLE SPIRAL CONDUITS
STEEL WIRE OVER BRAIDING PVC COATED

TECHNICAL DETAILS

Material	: Galvanised steel PVC coated galv. steel overbraid - stainless steel overbraiding available on request
Protection class	: IP65
Temperature range	: -15 °C +70 °C

Properties
High impact strength
Low fire hazard
Self extinguishing
High abrasion resistance
EMC screening
Full-shrink packing



ÇELİK TEL ÖRGÜLÜ & PVC KAPLI METAL SPİRAL BORULAR

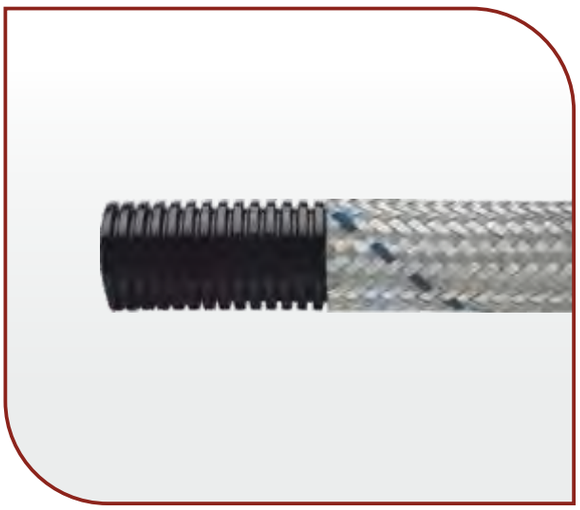
Hammaddesi	:	Galvaniz & kalay kaplı sac
1. kaplama	:	PVC
2. kaplama	:	Galvaniz / Paslanmaz çelik
PVC rengi	:	Siyah
Sürekli ısıya direnci	:	-15 °C + 70 °C
		Emc screen özelliği

PRODUCT RANGE OVERVIEW

Code	Size	d mm.	d1 mm.	Roll Length mt.
CTPS 9	1/4"	9	15	50
CTPS 10	1/4"	10	16	50
CTPS 11	3/8"	11	17	50
CTPS 13	3/8"	13	18,5	50
CTPS 16	1/2"	16	22	50
CTPS 21	3/4"	21	27	50
CTPS 26	1"	26	33	25
CTPS 35	11/4"	35	42	25
CTPS 40	11/2"	40	47	25
CTPS 51	2"	51	58	25

TACFLEX FLEXIBLE CONDUITS - Steel wire over braiding

tacflex



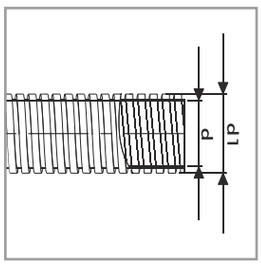
FLEXIBLE SPIRAL CONDUITS
STEEL WIRE OVER BRAIDING POLYAMIDE CONDUIT

TECHNICAL DETAILS

Material : Galvanised steel wire overbraiding polyamide conduits
* stainless steel overbraiding available on request

Protection class : IP65
Temperature range : -40 °C +120 °C

Properties
High impact strength
High abrasion resistance
Apply with either ctpas fixed or swivel
Full-shrink packing
Halogen free
Self extinguishing



ÇELİK TEL ÖRGÜLÜ POLYAMİD SPİRAL BORULAR

Hammaddesi	:	Polyamide PA6 V2
1. kaplama	:	Galvaniz çelik
Spiral rengi	:	Gri - Siyah
Sürekli ısıya direnci	:	-40 °C + 120 °C

PRODUCT RANGE OVERVIEW

Code	d mm.	d1 mm.	Roll Length mt.
CTPAS 7	6,5	12	100
CTPAS 8,5	8,5	14	100
CTPAS 9	10	15	100
CTPAS 11	12	17,8	50
CTPAS 13,5	14,2	20,4	50
CTPAS 16	16,5	23,2	50
CTPAS 21	23	30,4	50
CTPAS 29	29	36,5	25
CTPAS 36	36	44,5	25
CTPAS 48	48	56,5	25

TACFLEX LIQUID TIGHT FLEXIBLE CONDUITS

tacflex

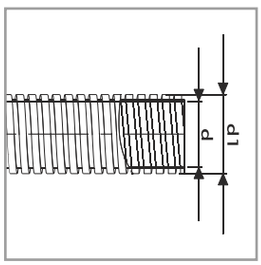


FLEXIBLE SPIRAL CONDUITS
LIQUID TIGHT

TECHNICAL DETAILS

Material	: Galvanised steel PVC coated liquid tight
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP66
Temperature range	: -20 °C +105 °C

Properties
High impact strength
Self extinguishing
High UV resistance (black)



AĞIR HİZMET PVC KAPLI METAL SPİRAL BORULAR

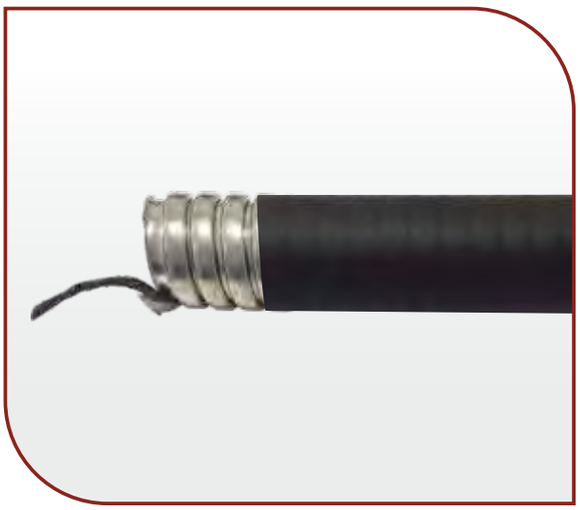
Hammaddesi	:	Galvaniz & kalay kaplı sac
Kaplama	:	PVC
Sürekli ısıya direnci	:	-20 °C + 105 °C
Özellik	:	Alev iletmez UV dayanımlı Ağır hizmet tipi Kırılmayı önleyici mühür ipli
Renk	:	Gri / Siyah

PRODUCT RANGE OVERVIEW

Code	Size	d mm.		d1 mm.		Roll Length mt.
LGT 10	1/4"	10,3	10,5	15,5	16	30
LGT 12	3/8"	12,3	12,7	17,5	18	30
LGT 16	1/2"	15,5	16,3	20,8	21,4	30
LGT 21	3/4"	20,9	21,3	26,2	26,5	30
LGT 27	1"	26,5	27	32,7	33,3	30
LGT 35	1 1/4"	35	35,5	41,5	42	15
LGT 40	1 1/2"	40	40,5	47,3	48,2	15
LGT 51	2"	51,5	51,9	59,5	60	15
LGT 63	2 1/2"	63	63,5	72,2	73	7,5
LGT 78	3"	78	78,5	88	88,5	7,5
LGT 91	3 1/2"	88,9	89,9	100,6	101,6	7,5
LGT 102	4"	101,6	102,6	113,3	114,3	7,5

TACFLEX LIQUID TIGHT LSF FLEXIBLE CONDUITS

tacflex



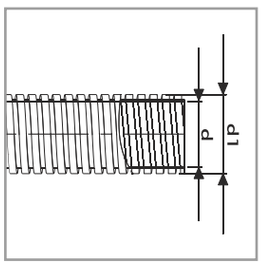
FLEXIBLE SPIRAL CONDUITS

LIQUID TIGHT HALOGEN FREE

TECHNICAL DETAILS

Material	: Galvanised steel TPV coated liquid tight
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP66
Temperature range	: -20 °C +100 °C

Properties
High impact strength
Self extinguishing
High UV resistance (black)
Halogen free
Low fire hazard



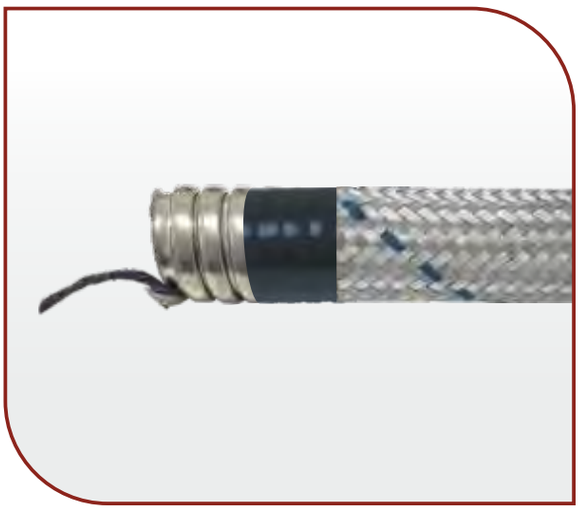
HALOGEN FREE AĞIR HİZMET TPV KAPLI METAL SPİRAL BORULAR

Hammaddesi	:	Galvaniz & kalay kaplı sac
Kaplama	:	TPV
Sürekli ısıya direnci	:	-20 °C + 100 °C
Özellik	:	Alev iletmez UV dayanımlı Halogen free Ağır hizmet tipi Kırılmayı önleyici mühür ipli
Renk	:	Gri / Siyah

PRODUCT RANGE OVERVIEW

Code	Size	d mm.		d1 mm.		Roll Length mt.
LGTHF 10	1/4"	10,3	10,5	15,5	16	30
LGTHF 12	3/8"	12,3	12,7	17,5	18	30
LGTHF 16	1/2"	15,5	16,3	20,8	21,4	30
LGTHF 21	3/4"	20,9	21,3	26,2	26,5	30
LGTHF 27	1"	26,5	27	32,7	33,3	30
LGTHF 35	1 1/4"	35	35,5	41,5	42	15
LGTHF 40	1 1/2"	40	40,5	47,3	48,2	15
LGTHF 51	2"	51,5	51,9	59,5	60	15
LGTHF 63	2 1/2"	63	63,5	72,2	73	7,5
LGTHF 78	3"	78	78,5	88	88,5	7,5
LGTHF 91	3 1/2"	88,9	89,9	100,6	101,6	7,5
LGTHF 102	4"	101,6	102,6	113,3	114,3	7,5

tacflex

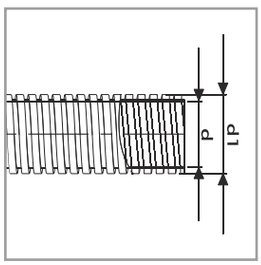


FLEXIBLE SPIRAL CONDUITS
STEEL WIRE OVER BRAIDING LIQUID TIGHT

TECHNICAL DETAILS

Material	: Galvanised steel PVC coated steel wire over braiding liquid tight
Color	: Black (RAL9005) Other colors available on request with reasonable qty.
Protection class	: IP66
Temperature range	: -20 °C +100 °C

Properties
High impact strength
Self extinguishing
High UV resistance (black)
High abrasion resistance
EMC screen



AĞIR HİZMET ÇELİK TEL ÖRGÜLÜ PVC KAPLI METAL SPİRAL BORULAR

Hammaddesi	:	Galvaniz & kalay kaplı sac
1. Kaplama	:	PVC
2. Kaplama	:	Galvaniz / paslanmaz çelik
Sürekli ısıya direnci	:	-20 °C + 100 °C
Özellik	:	Alev iletmez UV dayanımlı Ağır hizmet tipi Kırılmayı önleyici mühür ipli EMC screen özelliği
Renk	:	Gri / Siyah

PRODUCT RANGE OVERVIEW

Code	Size	d mm.		d1 mm.		Roll Length mt.
LGTCT 10	1/4"	10,3	10,5	17,5	18	30
LGTCT 12	3/8"	12,3	12,7	19,5	20	30
LGTCT 16	1/2"	15,5	16,3	22,8	23,4	30
LGTCT 21	3/4"	20,9	21,3	28,2	28,5	30
LGTCT 27	1"	26,5	27	34,7	35,3	30
LGTCT 35	1 1/4"	35	35,5	42,5	44	15
LGTCT 40	1 1/2"	40	40,5	49,3	50,2	15
LGTCT 51	2"	51,5	51,9	61,5	62	15
LGTCT 63	2 1/2"	63	63,5	74,2	75	7,5
LGTCT 78	3"	78	78,5	90	100,5	7,5
LGTCT 91	3 1/2"	88,9	89,9	102,6	103,6	7,5
LGTCT 102	4"	101,6	102,6	113,3	116,3	7,5

TACFLEX FLEXIBLE CONDUIT FITTINGS

RoHS 2002/95/EC

tacflex



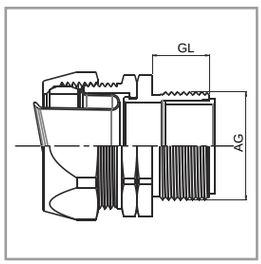
FLEXIBLE SPIRAL CONDUIT FITTINGS
LIQUID TIGHT FIXED & SWIVEL

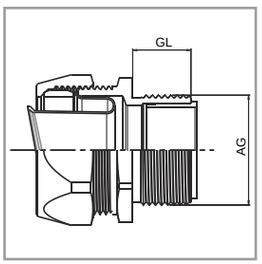
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -45 °C +105 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either LGT or CTS, CTPS conduits





AĞIR HİZMET SPİRAL BORU RAKORU
SABİT & DÖNER DİŞ

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Koruma sınıfı	:	IP67
O-ring	:	Nitril kauçuk
Uygun spiral		LGT-CTS-CTPS

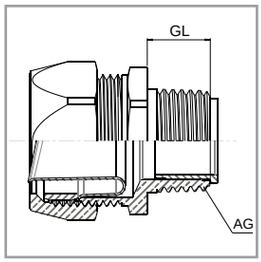
PRODUCT RANGE OVERVIEW

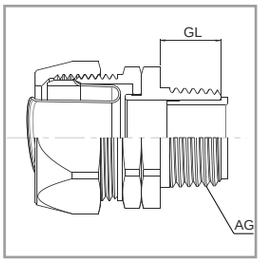
FIXED/SWIVEL BODY

IP67

Code PG	Code Metric	AG Thread PG	AG Thread Metric	Spiral Measure	GL mm.	B mm.	C mm.
LSRP 00	LSRM 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	20	22
LSRP 1A	LSRM 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20	22
LSRP 01	LSRM 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24	26
LSRP 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27	29
LSRP 02	LSRM 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27	29
LSRP 03	LSRM 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33	35
LSRP 04	LSRM 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43	45
LSRP 05	LSRM 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52	54
LSRP 06	LSRM 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60	63
LSRP 07	LSRM 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74	77
	LSRM 08		M 72 x 1,5	LGT63 - 2 1/2"	20	90	90
	LSRM 09		M 75 x 1,5	LGT78 - 3"	24	105	110
	LSRM 10		M 100 x 2	LGT102 - 4"	30	136	140
							SWIVEL BODY
LSRDP 00	LSRDM 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	20	22
LSRDP 1A	LSRDM 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20	22
LSRDP 01	LSRDM 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24	26
LSRDP 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27	29
LSRDP 02	LSRDM 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27	29
LSRDP 03	LSRDM 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33	35
LSRDP 04	LSRDM 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43	45
LSRDP 05	LSRDM 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52	54
LSRDP 06	LSRDM 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60	63
LSRDP 07	LSRDM 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74	77
	LSRDM 08		M 72 x 1,5	LGT63 - 2 1/2"	20	90	90
	LSRDM 09		M 75 x 1,5	LGT78 - 3"	24	105	110
	LSRDM 10		M 100 x 2	LGT102 - 4"	30	136	140







FLEXIBLE SPIRAL CONDUIT FITTINGS NPT
LIQUID TIGHT FIXED & SWIVEL

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP67
Temperature range	: -45 °C +105 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either LGT or CTS, CTPS conduits

AĞIR HİZMET SPİRAL BORU RAKORU
SABİT & DÖNER DİŞ

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi NPT	:	NPT ANSI B1.20.1
Koruma sınıfı	:	IP67
O-ring	:	Nitril kauçuk
Uygun spiral	:	LGT-CTS-CTPS

PRODUCT RANGE OVERVIEW

NPT / FIXED/SWIVEL BODY

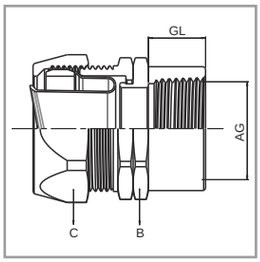
IP67

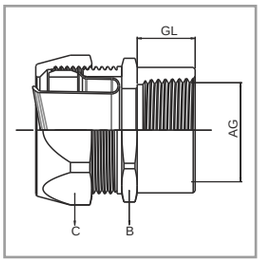
Code	AG Thread Npt	Spiral Measure	GL mm.	B mm.	C mm.
LSRN 00	1/4"	LGT10 - 1/4"	10	20	22
LSRN 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRN 02	1/2"	LGT16 - 1/2"	13	27	29
LSRN 03	3/4"	LGT21 - 3/4"	15	33	35
LSRN 04	1"	LGT27 - 1"	15	43	45
LSRN 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRN 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRN 07	2"	LGT51 - 2"	20	74	77
LSRN 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRN 09	3"	LGT78 - 3"	24	105	110
LSRN 10	4"	LGT102 - 4"	30	136	140
					SWIVEL BODY
LSRDN 00	1/4"	LGT10 - 1/4"	10	20	22
LSRDN 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRDN 02	1/2"	LGT16 - 1/2"	13	27	29
LSRDN 03	3/4"	LGT21 - 3/4"	15	33	35
LSRDN 04	1"	LGT27 - 1"	15	43	45
LSRDN 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRDN 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRDN 07	2"	LGT51 - 2"	20	74	77
LSRDN 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRDN 09	3"	LGT78 - 3"	24	105	110
LSRDN 10	4"	LGT102 - 4"	30	136	140

TACFLEX FLEXIBLE CONDUIT FITTINGS

tacflex







FLEXIBLE SPIRAL CONDUIT FITTINGS LIQUID TIGHT
FEMALE TYPE FIXED & SWIVEL

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -45 °C +105 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either LGT or CTS, CTPS conduits

AĞIR HİZMET SPİRAL BORU RAKORU
DİŞİ (BORU) TİP SABİT & DÖNER DİŞ

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Koruma sınıfı	:	IP67
O-ring	:	Nitril kauçuk
Uygun spiral		LGT-CTS-CTPS

PRODUCT RANGE OVERVIEW

FIXED BODY

Code PG	Code Metric	AG Thread PG	AG Thread Metric	Spiral Measure	GL mm.	B mm.	C mm.
LSRPD 00	LSRMD 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	20	22
LSRPD 1A	LSRMD 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20	22
LSRPD 01	LSRMD 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24	26
LSRPD 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27	29
LSRPD 02	LSRMD 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27	29
LSRPD 03	LSRMD 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33	35
LSRPD 04	LSRMD 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43	45
LSRPD 05	LSRMD 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52	54
LSRPD 06	LSRMD 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60	63
LSRPD 07	LSRMD 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74	77
	LSRMD 08		M 72 x 1,5	LGT63 - 2 1/2"	20	90	90
	LSRMD 09		M 75 x 1,5	LGT78 - 3"	24	105	110
	LSRMD 10		M 100 x 2	LGT102 - 4"	30	136	140

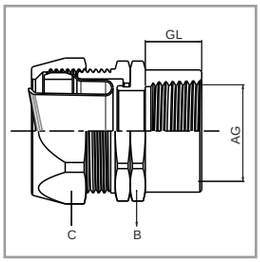
SWIVEL BODY

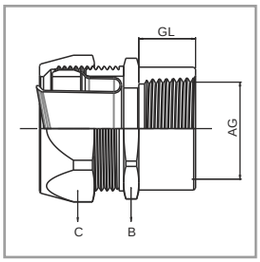
LSRDPD 00	LSRDMD 00	PG 7	M 12 x 1,5	LGT10 - 1/4"	10	20	22
LSRDPD 1A	LSRDMD 1A	PG 9	M 16 x 1,5	LGT10 - 1/4"	10	20	22
LSRDPD 01	LSRDMD 01	PG 11	M 16 x 1,5	LGT13 - 3/8"	11,5	24	26
LSRDPD 2A	-	PG 13,5	-	LGT16 - 1/2"	13	27	29
LSRDPD 02	LSRDMD 02	PG 16	M 20 x 1,5	LGT16 - 1/2"	13	27	29
LSRDPD 03	LSRDMD 03	PG 21	M 25 x 1,5	LGT21 - 3/4"	15	33	35
LSRDPD 04	LSRDMD 04	PG 29	M 32 x 1,5	LGT27 - 1"	15	43	45
LSRDPD 05	LSRDMD 05	PG 36	M 40 x 1,5	LGT35 - 1 1/4"	16	52	54
LSRDPD 06	LSRDMD 06	PG 42	M 50 x 1,5	LGT40 - 1 1/2"	18	60	63
LSRDPD 07	LSRDMD 07	PG 48	M 63 x 1,5	LGT51 - 2"	20	74	77
	LSRDMD 08		M 72 x 1,5	LGT63 - 2 1/2"	20	90	90
	LSRDMD 09		M 75 x 1,5	LGT78 - 3"	24	105	110
	LSRDMD 10		M 100 x 2	LGT102 - 4"	30	136	140

IP67

tacflex







FLEXIBLE SPIRAL CONDUIT FITTINGS LIQUID TIGHT NPT
FEMALE TYPE FIXED & SWIVEL

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Ring	: PA6
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP67
Temperature range	: -45 °C +105 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either LGT or CTS, CTPS conduits

AĞIR HİZMET SPİRAL BORU RAKORU
DİŞİ (BORU) TİP SABİT & DÖNER DİŞ

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi NPT	:	NPT ANSI B1.20.1
Koruma sınıfı	:	IP67
O-ring	:	Nitril kauçuk
Uygun spiral	:	LGT-CTS-CTPS

PRODUCT RANGE OVERVIEW

NPT / FIXED BODY

IP67

Code	NPT Thread	Spiral Measure	GL mm.	B mm.	C mm.
LSRND 00	1/4"	LGT10 - 1/4"	10	20	22
LSRND 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRND 02	1/2"	LGT16 - 1/2"	13	27	29
LSRND 03	3/4"	LGT21 - 3/4"	15	33	35
LSRND 04	1"	LGT27 - 1"	15	43	45
LSRND 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRND 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRND 07	2"	LGT51 - 2"	20	74	77
LSRND 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRND 09	3"	LGT78 - 3"	24	105	110
LSRND 10	4"	LGT102 - 4"	30	136	140

SWIVEL BODY

LSRDND 00	1/4"	LGT10 - 1/4"	10	20	22
LSRDND 01	3/8"	LGT13 - 3/8"	11,5	24	26
LSRDND 02	1/2"	LGT16 - 1/2"	13	27	29
LSRDND 03	3/4"	LGT21 - 3/4"	15	33	35
LSRDND 04	1"	LGT27 - 1"	15	43	45
LSRDND 05	1 1/4"	LGT35 - 1 1/4"	16	52	54
LSRDND 06	1 1/2"	LGT40 - 1 1/2"	18	60	63
LSRDND 07	2"	LGT51 - 2"	20	74	77
LSRDND 08	2 1/2"	LGT63 - 2 1/2"	20	90	90
LSRDND 09	3"	LGT78 - 3"	24	105	110
LSRDND 10	4"	LGT102 - 4"	30	136	140

TACFLEX FLEXIBLE CONDUIT FITTINGS

tacflex



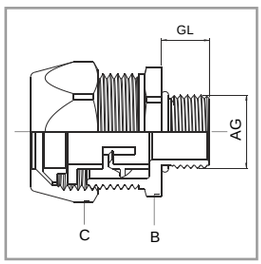
STEEL WIRE OVER BRAIDING
PLASTIC CONDUIT FITTINGS
FIXED & SWIVEL

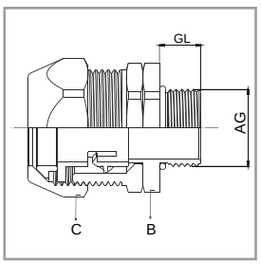
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Conduit holder	: PA6
Armour clamp	: Brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -30 °C +100 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either CTPAS conduits





ÇELİK TEL ÖRGÜLÜ POLYAMİD SPİRAL RAKORLARI
SABİT & DÖNER TİP

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Koruma sınıfı	:	IP67
O-ring	:	Nitril kauçuk
Uygun spiral		CTPAS

PRODUCT RANGE OVERVIEW

FIXED/SWIVEL BODY

IP67

Code PG	Code Metric	AG Thread PG	AG Thread Metric	Spiral Measure	GL mm.	B mm.	C mm.
LSRPAG 13-PG9	LSRPAG 13-M16	PG 9	M 16 x 1,5	CTPAS-09	10	24	26
LSRPAG 15-PG11	LSRPAG 15-M16	PG 11	M 16 x 1,5	CTPAS-11	10	28	30
LSRPAG 18-PG13,5	LSRPAG 18-M20	PG13,5	M 20 x 1,5	CTPAS-13,5	10	32	35
LSRPAG 21-PG16	LSRPAG 21-M20	PG 16	M 20 x 1,5	CTPAS-16	10	35	35
LSRPAG 28-PG21	LSRPAG 28-M25	PG 21	M 25 x 1,5	CTPAS-21	14	45	45
LSRPAG 34-PG29	LSRPAG 34-M32	PG 29	M 32 x 1,5	CTPAS-29	15	50	50
LSRPAG 42-PG36	LSRPAG 42-M40	PG 36	M 40 x 1,5	CTPAS-36	15	60	60
LSRPAG 54-PG42	LSRPAG 54-M50	PG 42	M 50 x 1,5	CTPAS-48	15	70	75
LSRPAG 54-PG48	LSRPAG 54-M63	PG 48	M 63 x 1,5	CTPAS-48	15	70	75
							SWIVEL BODY
LSRDPAG 13-PG9	LSRDPAG 13-M16	PG 9	M 16 x 1,5	CTPAS-09	10	24	26
LSRDPAG 15-PG11	LSRDPAG 15-M16	PG 11	M 16 x 1,5	CTPAS-11	10	28	30
LSRDPAG 18-PG13,5	LSRDPAG 18-M20	PG13,5	M 20 x 1,5	CTPAS-13,5	10	32	35
LSRDPAG 21-PG16	LSRDPAG 21-M20	PG 16	M 20 x 1,5	CTPAS-16	10	35	35
LSRDPAG 28-PG21	LSRDPAG 28-M25	PG 21	M 25 x 1,5	CTPAS-21	14	45	45
LSRDPAG 34-PG29	LSRDPAG 34-M32	PG 29	M 32 x 1,5	CTPAS-29	15	50	50
LSRDPAG 42-PG36	LSRDPAG 42-M40	PG 36	M 40 x 1,5	CTPAS-36	15	60	60
LSRDPAG 54-PG42	LSRDPAG 54-M50	PG 42	M 50 x 1,5	CTPAS-48	15	70	75
LSRDPAG 54-PG48	LSRDPAG 54-M63	PG 48	M 63 x 1,5	CTPAS-48	15	70	75

tacflex



LIQUID TIGHT SPIRAL CONDUIT FITTINGS
WITH CABLE HOLDER

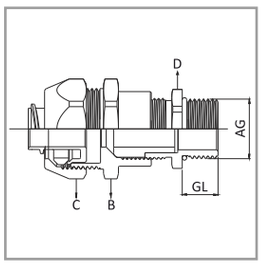
TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: PA6
Sealing ring	: TPV
Ring	: Polyethlene
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP67
Temperature range	: -30 °C +100 °C

Properties

Easy to assemble
Fixed or swivel body versions
Apply with either LGT or CTS, CTPS conduits



AĞIR HİZMET KABLO TUTUCULU
SPİRAL BORU RAKORU SABİT & DÖNER DİŞ

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Koruma sınıfı	:	IP67
O-ring	:	Nitril kauçuk
Uygun spiral		LGT-CTS-CTPS

PRODUCT RANGE OVERVIEW

IP67

PG FIXED BODY

Code	AG Thread	Spiral Measure	GL mm.	B mm.	C mm.	D mm.	Cables mm.
MLSRP 00	PG 7	10 - 1/4"	6	20	22	14	3-6,5
MLSRP 1A	PG 9	10 - 1/4"	6	20	22	17	4-8
MLSRP 01	PG 11	13 - 3/8"	6	24	26	20	5-10
MLSRP 2A	PG 13,5	16 - 1/2"	6,5	27	29	22	6-12
MLSRP 02	PG 16	16 - 1/2"	6,5	27	29	24	10-14
MLSRP 03	PG 21	21 - 3/4"	7	33	35	30	13-18
MLSRP 04	PG 29	26 - 1"	8	43	45	40	18-25
MLSRP 05	PG 36	35 - 1 1/4"	10	52	54	50	22-32
MLSRP 06	PG 42	40 - 1 1/2"	12	60	63	57	30-38
MLSRP 07	PG 48	51 - 2"	14	74	77	64	33-44

METRIC FIXED BODY

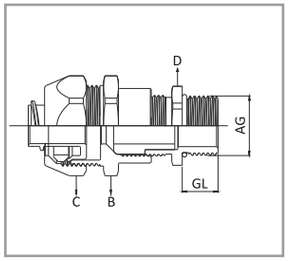
MLSRM 00	M 12 x 1,5	10 - 1/4"	6	20	22	14	3-6,5
MLSRM 1A	M 16 x 1,5	10 - 1/4"	7	20	22	18	4-8
MLSRM 01	M 16 x 1,5	13 - 3/8"	7	24	26	18	4-8
MLSRM 02	M 20 x 1,5	16 - 1/2"	8	27	29	22	6-12
MLSRM 03	M 25 x 1,5	21 - 3/4"	8	33	35	27	10-14
MLSRM 04	M 32 x 1,5	26 - 1"	9	43	45	34	13-18
MLSRM 05	M 40 x 1,5	35 - 1 1/4"	9	52	54	43	18-25
MLSRM 06	M 50 x 1,5	40 - 1 1/2"	9	60	63	55	22-32
MLSRM 07	M 63 x 1,5	51 - 2"	14	74	77	68	33-44
MLSRM 08	M 72 x 1,5	63 - 2 1/2"	20	90	90	85	45-55
MLSRM 09	M 75 x 1,5	78 - 3"	20	105	110	90	50-63
MLSRM 10	M 100 x 2	102 - 4"	20	136	140	100	60-70

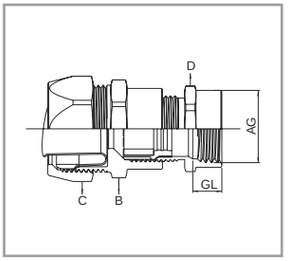
* Swivel body versions are available too.

TACFLEX FLEXIBLE CONDUIT FITTINGS

tacflex







LIQUID TIGHT SPIRAL CONDUITS FITTINGS NPT

WITH CABLE HOLDER MALE/FEMALE

TECHNICAL DETAILS

Material

Cap nut	: Brass with nickel plated
Clamping insert	: PA6
Sealing ring	: TPV
Ring	: Polyethlene
Ferrule	: Aluminium / brass
Gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP67
Temperature range	: -30 °C +100 °C

Properties

Easy to assemble
Fixed or swivel body versions
Apply with either LGT or CTS, CTPS conduits

AĞIR HİZMET KABLO TUTUCULU SPİRAL BORU RAKORU PANO TİPİ (ERKEK) & DİŞİ (BORU) TİP

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi NPT	:	NPT ANSI B1.20.1
Koruma sınıfı	:	IP67
O-ring	:	Nitril kauçuk
Uygun spiral	:	LGT-CTS-CTPS

PRODUCT RANGE OVERVIEW

NPT / MALE TYPE

Code	NPT Thread	Spiral Measure	GL mm.	B mm.	C mm.	D mm.	Cables mm.
MLSRN 00	1/4"	10 - 1/4"	10	20	22	14	3-6,5
MLSRN 1A	3/8"	10 - 1/4"	10	20	22	18	4-8
MLSRN 01	3/8"	13 - 3/8"	11,5	24	26	20	5-10
MLSRN 2A	1/2"	16 - 1/2"	13	27	29	22	6-12
MLSRN 02	1/2"	16 - 1/2"	13	27	29	24	10-14
MLSRN 03	3/4"	21 - 3/4"	15	33	35	30	13-18
MLSRN 04	1"	26 - 1"	15	43	45	40	18-25
MLSRN 05	1 1/4"	35 - 1 1/4"	16	52	54	50	22-32
MLSRN 06	11/2"	40 - 1 1/2"	18	60	63	55	30-38
MLSRN 07	2"	51 - 2"	20	74	77	65	33-44
MLSRN 08	21/2"	63 - 21/2"	20	90	90	75	45-55
MLSRN 09	3"	78-3"	24	105	110	90	50-63
MLSRN 10	4"	102-4"	30	136	140	100	60-70

NPT / FEMALE TYPE

MLSRND 00	1/4"	10 - 1/4"	10	20	22	14	3-6,5
MLSRND 1A	3/8"	10 - 1/4"	10	20	22	18	4-8
MLSRND 01	3/8"	13 - 3/8"	11,5	24	26	20	5-10
MLSRND 2A	1/2"	16 - 1/2"	13	27	29	22	6-12
MLSRND 02	1/2"	16 - 1/2"	13	27	29	24	10-14
MLSRND 03	3/4"	21 - 3/4"	15	33	35	30	13-18
MLSRND 04	1"	26 - 1"	15	43	45	40	18-25
MLSRND 05	1 1/4"	35 - 1 1/4"	16	52	54	50	22-32
MLSRND 06	11/2"	40 - 1 1/2"	18	60	63	55	30-38
MLSRND 07	2"	51 - 2"	20	74	77	65	33-44
MLSRND 08	21/2"	63 - 21/2"	20	90	90	75	45-55
MLSRND 09	3"	78-3"	24	105	110	90	50-63
MLSRND 10	4"	102-4"	30	136	140	100	60-70

IP67

tacflex



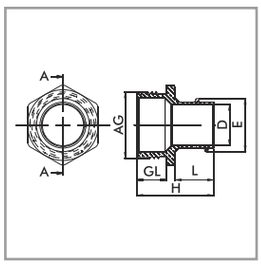
FLEXIBLE SPIRAL CONDUIT FITTINGS
FIXED BODY

TECHNICAL DETAILS

Material

Ring	: Brass with nickel plated
Fixed gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP54
Temperature range	: -30 °C +100 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either OCGS or OPCGS conduits



SABİT DİŞ SPİRAL BORU RAKORU

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Koruma sınıfı	:	IP54
O-ring	:	Nitril kauçuk
Uygun spiral	:	OCGS-OPCGS

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD FIXED BODY

IP54

AG Thread	Code	H mm.	GL mm.	L mm.	D mm.	mm.	E mm.
M 12 x 1,5	MMR 12	24	8	13	6	15	7,5 x 11,5
M 16 x 1,5	MMR 16	24	8	13	7	20	9 x 13
M 16 x 1,5	MMR 116	26	10	13	9	20	11 x 15
M 20 x 1,5	MMR 20	26	10	13	12	22	14 x 18
M 20 x 1,5	MMR 120	26	10	13	14	22	16 x 20
M 25 x 1,5	MMR 25	27	10	13	18	28	21 x 25
M 32 x 1,5	MMR 32	31	12	15	23	35	26 x 31
M 40 x 1,5	MMR 40	36	14	17	33,5	45	37 x 42
M 50 x 1,5	MMR 50	36	14	17	37	55	40 x 45
M 63 x 1,5	MMR 63	36	14	17	46	65	51 x 56
PG 7	MPR 7	24	8	13	6	15	7,5 x 11,5
PG 9	MPR 9	24	8	13	7	17	9 x 13
PG 11	MPR 11	26	10	13	9	20	11 x 15
PG 13,5	MPR 13,5	26	10	13	12	22	14 x 18
PG 16	MPR 16	26	10	13	14	24	16 x 20
PG 21	MPR 21	27	10	13	18	30	21 x 25
PG 29	MPR 29	31	12	15	23	40	26 x 31
PG 36	MPR 36	36	14	17	33,5	50	37 x 42
PG 42	MPR 42	36	14	17	37	60	40 x 45
PG 48	MPR 48	36	14	17	46	65	51 x 56

TACFLEX FLEXIBLE CONDUIT FITTINGS

tacflex



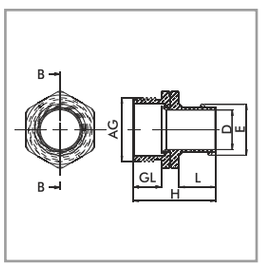
FLEXIBLE SPIRAL CONDUIT FITTINGS
SWIVEL BODY

TECHNICAL DETAILS

Material

Ring	: Brass with nickel plated
Swivel gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: Metric (EN60423) / PG (DIN 40430)
Protection class	: IP54
Temperature range	: -30 °C +100 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either OCGS or OPCGS conduits



DÖNER DİŞ SPİRAL BORU RAKORU

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi M	:	EN 60423
Bağlantı dişi PG	:	DIN 40430
Koruma sınıfı	:	IP54
O-ring	:	Nitril kauçuk
Uygun spiral	:	OCGS-OPCGS

PRODUCT RANGE OVERVIEW

METRIC/PG THREAD SWIVEL BODY

IP54

AG Thread	Code	H mm.	GL mm.	L mm.	D mm.	mm.	E mm.
M 12 x 1,5	MDM 12	27	8	13	6	15	7,5 x 11,5
M 16 x 1,5	MDM 16	27	8	13	7	20	9 x 13
M 16 x 1,5	MDM 116	29	10	13	9	20	11 x 15
M 20 x 1,5	MDM 20	29	10	13	12	22	14 x 18
M 20 x 1,5	MDM 120	29	10	13	14	22	16 x 20
M 25 x 1,5	MDM 25	31	10	13	18	28	21 x 25
M 32 x 1,5	MDM 32	35	12	15	23	35	26 x 31
M 40 x 1,5	MDM 40	41	14	17	33,5	45	37 x 42
M 50 x 1,5	MDM 50	41	14	17	37	55	40 x 45
M 63 x 1,5	MDM 63	41	14	17	46	65	51 x 56
PG 7	MDP 7	27	8	13	6	15	7,5 x 11,5
PG 9	MDP 9	27	8	13	7	17	9 x 13
PG 11	MDP 11	29	10	13	9	20	11 x 15
PG 13,5	MDP 13,5	29	10	13	12	22	14 x 18
PG 16	MDP 16	29	10	13	14	24	16 x 20
PG 21	MDP 21	31	10	13	18	30	21 x 25
PG 29	MDP 29	35	12	15	23	40	26 x 31
PG 36	MDP 36	41	14	17	33,5	50	37 x 42
PG 42	MDP 42	41	14	17	37	60	40 x 45
PG 48	MDP 48	41	14	17	46	65	51 x 56

tacflex



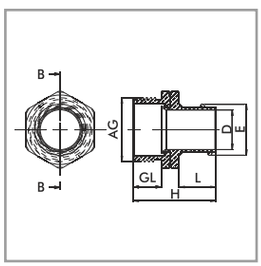
FLEXIBLE SPIRAL CONDUIT FITTINGS NPT FIXED BODY

TECHNICAL DETAILS

Material

Ring	: Brass with nickel plated
Swivel gland body	: Brass with nickel plated
O-ring	: NBR
Connection thread	: NPT ANSI B1.20.1
Protection class	: IP54
Temperature range	: -30 °C +100 °C

Properties
Easy to assemble
Fixed or swivel body versions
Apply with either OCGS or OPCGS conduits



SABİT DİŞ SPİRAL BORU RAKORU

Hammaddesi	:	Pirinç, nikel kaplı
Bağlantı dişi NPT	:	NPT ANSI B1.20.1
Koruma sınıfı	:	IP54
O-ring	:	Nitril kauçuk
Uygun spiral	:	OCGS-OPCGS

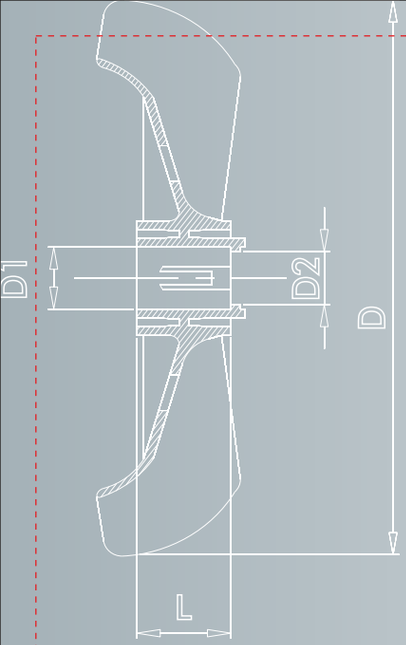
PRODUCT RANGE OVERVIEW

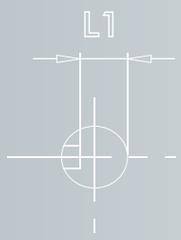
NPT / FIXED

IP54

NPT Thread	Code	H mm.	GL mm.	L mm.	D mm.	mm.	E mm.
1/4"	MNR14	26	10	13	6	15	7,5 x 11,5
3/8"	MNR 38	27,5	11,5	13	7	18	9 x 13
3/8"	MNR 138	27,5	11,5	13	9	18	11 x 15
3/8"	MNR238	27,5	11,5	13	11	19	13 x 16,5
1/2"	MNR 12	29	13	13	12	22	14 x 18
1/2"	MNR 122	29	13	13	14	22	16 x 20
3/4"	MNR 34	32	15	13	18	28	21 x 25
1"	MNR 100	34	15	15	23	35	26 x 31
11/4"	MNR 114	38	16	17	33,5	45	37 x 42
11/2"	MNR 112	40	18	17	37	50	40 x 45
2"	MNR 200	42	20	17	46	65	51 x 56

* Swivel body versions are also available.







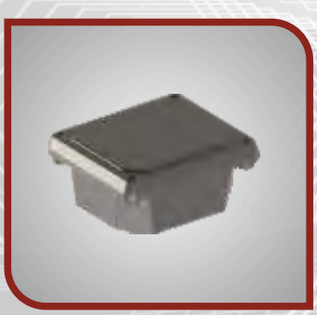
CONNECTORS & OTHER PRODUCTS

















ORTAC WATERPROOF & SUPERSEAL CONNECTORS

ORTAC CUSTOMIZED CONNECTORS

LED WATERPROOF CONNECTORS



TECHNICAL DETAILS

Contact	: Brass with nickel plated
Current Rating	: 2pin:5A - 4pin:3A
Voltage Rating	: 220V AC
Contact Resistance	: <10M ?
Insulation Resistance	: <1000M ? at DC 500 V
Breakdown Voltage	: 1,5KV / 1 min.
Temperature Rate	: -30~85°C
Durability (Plug/Unplup)	: 3000 times
Waterproof Rating	: IP67
Cable Max. Dia	: 2pin/4pin: Ø 6mm
Pins Range	: 2,4 pin
Certificate	: CE; RoHS



Waterproof Connector
Available Cable Sizes: 2x0,75, 4x0,50
Available pin Sizes: 2,4
Application Area: LED technologies, Superior industrial machines and equipments, power&signal control compenents.

ORTAC CUSTOMIZED CONNECTORS

SUPERSEAL CONNECTORS



TECHNICAL DETAILS

Material	: Housing and secondary lock: polyamide 6.6 glass filled
Resistant to	: Ozone, salts (CACI-NACI), gasoline, disel fuel, brake fluid detergents, anti-freeze coolant, transmission gear lubricant, motor oil.
Waterproof Rating	: IP67
Temperature Rate	: -40 °C +125 °C
Insulation Resistance	: Min. 200 M?
Dielectric with standing voltage	: 1500 Vrms
Temperature Rise	: See fig. 1 diagram
TAB	:
Material	: Brass tin plated laceless contact
Wire size Range	: 20-16 AWG
Current Rating	: 14 Amp maximum
Insertion force	: Max. 8 N
Contact Resistance	: Max 3 m? (test current 10 mA)



Superseal Connector
Available Cable Sizes: 2x0,50,2x0,75 2x1 / 3x0,50,3x0,75,3x1 / 4x0,50,4x0,75,4x1
Available pin Sizes: 2,3,4
Application Area: Automative & Lighting industries to connect cables with safery way.

ORTAC SPECIAL CABLE CONNECTION PARTS

tacflex

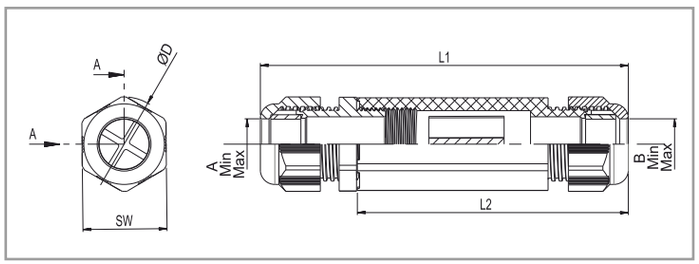


t u b e g l a n d

TECHNICAL DETAILS

Material	
Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV
Gland Body	: Polyamide PA6 V2
Body	: Polyamide PA6 V2
Seperator	: Polyamide PA6 V2
Inner terminal	: Polyamide PA6 V2
O-ring	: NBR
Connection Thread	: Metric (EN 60423)
Protection Class	: IP68 5 bar
Temperature	: -20 °C +100 °C -30 °C +150 °C (short term)

Benefits
UV resistance
Various application & combinations
Wide cable range
Easy to assemble
Halogen free



PRODUCT RANGE OVERVIEW

IP68

AG Thread	Code With Seperator	Code With Terminal	L1 mm.	L2 mm.	D mm.	mm.	A mm.	B mm.
M 25 x 1,5	OTG 01	OTGT 01	127	93,5	32,6	29	11-17	11-17
M 25 x 1,5	OTG 02	OTGT 02	127	93,5	32,6	29	11-17	13-18
M 25 x 1,5	OTG 03	OTGT 03	127	93,5	32,6	29	11-17	9-14
M 25 x 1,5	OTG 04	OTGT 04	127	93,5	32,6	29	11-17	9-16
M 25 x 1,5	OTG 05	OTGT 05	127	93,5	32,6	29	11-17	6-12
M 25 x 1,5	OTG 06	OTGT 06	127	93,5	32,6	29	9-14	9-14
M 25 x 1,5	OTG 07	OTGT 07	127	93,5	32,6	29	11-17	4-10
M 25 x 1,5	OTG 08	OTGT 08	127	93,5	32,6	29	9-14	4-10
M 25 x 1,5	OTG 09	OTGT 09	127	93,5	32,6	29	9-14	6-12
M 25 x 1,5	OTG 10	OTGT 10	127	93,5	32,6	29	9-14	9-16
M 25 x 1,5	OTG 11	OTGT 11	127	93,5	32,6	29	9-14	13-18
M 25 x 1,5	OTG 12	OTGT 12	127	93,5	32,6	29	9-14	11-17

TUB-TERM / TUBEGLAND TERMINALS

Product code	: TBT
Material	: Polyamide 6
Inside material	: Stainless Steel
Temperature rating	: -20 °C +100 °C
Available cable sizes	: 0,5 / 0,75 / 1 / 1,5 / 2
Available cable pin size	: 4 pin
Application area	: Automative, lighting industries, led technologies

tacflex



RJ-45 CABLE GLANDS

BRASS - POLYAMIDE

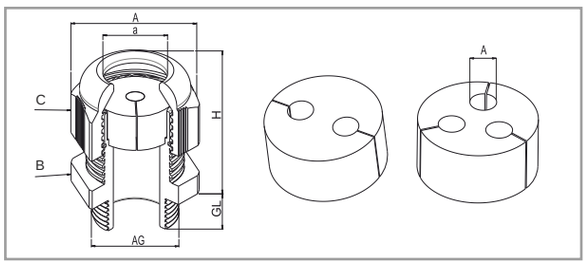
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2 / Brass with nickel plated
Sealing ring	: TPV (special seal for RJ-45 cables)
Gland body	: Polyamide PA6 V2 / Brass with nickel plated
O-ring	: NBR (optional)
Connection thread	: Metric (EN 60423) / PG (DIN 40430)
Protection class	: IP68
Temperature	: -20 °C +100 °C -30 °C +150 °C (short term)

Benefits

Designed and produced to use with RJ-45 cables
Various seal options (multiholes)
Wide cable range
Easy to assemble
Halogen free



PRODUCT RANGE OVERVIEW

IP68

AG Thread	Gray Code	L. Gray Code	Black Code	H mm.	GL mm.	B mm.	C	A mm.
PG 13,5	ORG04-SR05	ORL04-SR05	ORB04-SR05	29	9	24	24	5
PG 16	ORG05-SR05	ORL05-SR05	ORB05-SR05	33	9	27	27	5
PG 21	ORG06-SR05	ORL06-SR05	ORB06-SR05	38	11	33	33	5
PG 21	ORG06A5-SR	ORL06A5-SR	ORB06A5-SR	38	11	33	33	2x5
PG 21	ORG06B5-SR	ORL06B5-SR	ORB06B5-SR	38	11	33	33	3x5
PG 29	ORG07-SR05	ORL07-SR05	ORB07-SR05	41	11	42	42	5
M 20	OMRG04-SR05	OMRL04-SR05	OMRB04-SR05	29	10	24	24	5
M 20	OMRG05-SR05	OMRL05-SR05	OMRB05-SR05	33	10	27	27	5
M 25	OMRG06-SR05	OMRL06-SR05	OMRB06-SR05	38	10	33	33	5
M 25	OMRG06A5-SR	OMRL06A5-SR	OMRB06A5-SR	38	10	33	33	2x5
M 25	OMRG06B5-SR	OMRL06B5-SR	OMRB06B5-SR	38	10	33	33	3x5
M 32	OMRG07-SR05	OMRL07-SR05	OMRB07-SR05	41	10	42	42	5

BRASS CABLE GLANDS

PG 13,5	OPBG04-SR05			26,5	6,5	22	22	5
PG 16	OPBG05-SR05			28	6,5	24	24	5
PG 21	OPBG06-SR05			31,5	7	30	30	5
PG 21	OPBG06A5-SR			31,5	7	30	30	2x5
PG 21	OPBG06B5-SR			31,5	7	30	30	3x5
PG 29	OPBG07-SR05			38	8	40	40	5
M 20	OMBG03-SR05			26,5	8	22	22	5
M 25	OMBG04-SR05			28	8	27	24	5
M 32	OMBG06-SR05			31,5	9	34	30	5
M 32	OMBG06A5-SR			31,5	9	34	30	2x5
M 32	OMBG06B5-SR			31,5	9	34	30	3x5
M 40	OMBG07SR05			38	9	43	40	5

ORTAC SOCKET TERMINALS

tacflex



SOCKET TERMINALS

TECHNICAL DETAILS

Material

Contacts	: Polyamide 6 V2 / V0
Color	: Brass with nickel plated
Voltage Rating	: Black / White
Temperature	: 250V
Current Rating	: -20 °C +100 °C
Protection Class	: IP20 IP40 (Once Installed Sockets)

Benefits

Electrical equipment, lighting fixtures and installation systems provides insulation protection against unintended touch both desinged to avoid faulty plugging





SK 103K

PRODUCT RANGE OVERVIEW

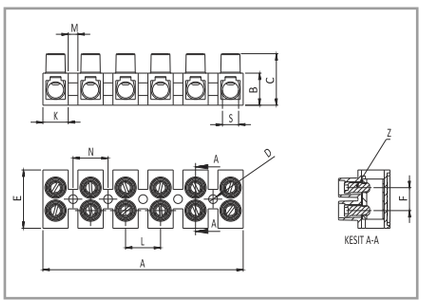
Code	Size	Nominal Cross Section	Pole Size (pin)	Color
SK 102	No 1	2,5 - 4	2	Black-White
SK 103	No 1	2,5 - 4	3	Black-White
SK 104	No 1	2,5 - 4	4	Black-White
SK 120	No 1	2,5 - 4	12	Black-White
SK 103K	No 1	2,5 - 4	3	Black-White

TERMINALS

ORTAC PLASTIC SCREW TERMINALS

EN		TR	
Material	: Polyamide Polycarbonate Polyethylene	Hammaddesi	: Polyamid Polikarbonat Polietilen
Insert	: Brass, nickel plated	İç bara	: Pirinç, nikel kaplı
Temperature	: -20 +100 °C	Çalışma Sıcaklığı	: -20 +100 °C
Current rating	: EN 60998-2-1 24 Amp	Akım kapasitesi	: EN 60998-2-1 24 Amp
Voltage rating	: 400 V	Gerilim	: 400 V

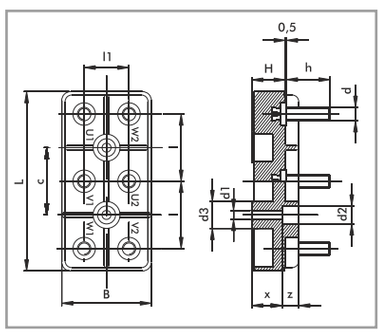
SIRA KLEMENSLER





Code	Type mm.	Size	Number of ways	A mm.	B mm.	C mm.	D mm.	E mm.	F mm.	K mm.	L mm.	M mm.	N mm.	S mm.	Z mm.
YPLS 01	2,5 - 4	01	12	117,5	10	17,5	3,5	19,5	7,6	6,5	10	3,5	10	4,5	M 3
YPLS 02	4 - 6	02	12	135	10,5	18,7	4	21,3	8,6	7,7	11,6	4	11,6	5,5	M 3,5
YPLS 03	6 - 10	03	10	142	12,5	21,5	4	22	10,2	10	14,5	4,5	14,7	7	M 4
YPLS 04	10 - 16	04	6	97,5	15,2	25	5	30	11,5	11,85	16,85	5	14,85	9	M 5
YPLS 05	16 - 25	05	6	103,5	16,7	26,7	5	30	11,8	13	18	5	18	10	M 5

MOTOR KLEMENSLERİ





ORTAC WIRE CONNECTORS

EN		TR	
Material	: Polyamide V2 V0 (optional) + Glass fibre reinforced	Hammaddesi	: Polyamid V2 V0 (optional) + Cam elyaf katkılı
Colour	: Brown Black	Renk	: Kahverengi Siyah
Permanent operational temp.	: -20 +100 °C	Sürekli ısıya direnci	: -20 +100 °C
Short term max. operational temp.	-30 +150 °C	Kısa süreli ısıya direnci	-30 +150 °C

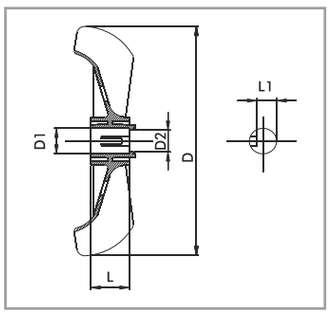
Type	Brown Code	Number of ways	A mm.	B mm.	C mm.	D mm.	E mm.	F mm.	K mm.	L mm.	M mm.	N mm.	S mm.	Z mm.
56 - 63	MKE 01	12	117,5	10	17,5	3,5	19,5	7,6	6,5	10	3,5	10	4,5	M 3
71 - 80	MKE 02	12	135	10,5	18,7	4	21,3	8,6	7,7	11,6	4	11,6	5,5	M 3,5
132	MKE 03	10	142	12,5	21,5	4	22	10,2	10	14,5	4,5	14,7	7	M 4
160 - 180	MKE 04	6	97,5	15,2	25	5	30	11,5	11,85	16,85	5	14,85	9	M 5
225 - 250	MKE 05	6	103,5	16,7	26,7	5	30	11,8	13	18	5	18	10	M 5
280	MKE 06													

MOTOR ACCESSORIES

ORTAC ELECTRICAL MOTOR PROPELLERS

EN		TR	
Material	: Polyamide	Hammaddesi :	Polyamid
Colour	: Black	Renk	: Siyah
Permanent operational temp.	: -20 +100 °C	Sürekli ısıya direnci	-20 +100 °C
Short term max. operational temp.	-30 +150 °C	Kısa süreli ısıya direnci	-30 +150 °C

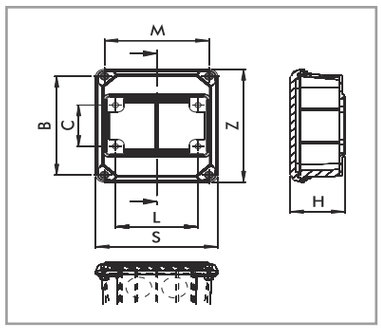
MOTOR PERVANELERİ





Type	Code	D mm.	D1 mm.	D2 mm.	L mm.	L1 mm.
63	ORT 02	95	11	9,4	18,5	8,7
71	ORT 03	129	14	12	20	11,2
80	ORT 04	146	19	17	22	15,7
90	ORT 05	140	24	22	24	20,7
100 - 112	ORT 06	165	28	25,6	24	24,7
132	ORT 07	200	38	35,6	32	34,3
160	ORT 08	250	42	39,2	34	38,3
180	ORT 09	270	48	44,5	36	43,6
200 - 225	ORT 10	300	57	53,8	44	52,8
200 - 225	ORT 11	300	62	58,8	44	57,8

MOTOR KLEMENS KUTULARI





ORTAC MOTOR TERMINAL BOXES

EN		TR	
Material	: Polyamide	Hammaddesi :	Polyamid
Colour	: Gray Black	Renk	: Gri Siyah
Permanent operational temp.	: -20 +100 °C	Sürekli ısıya direnci	: -20 +100 °C
Short term max. operational temp.	-30 +150 °C	Kısa süreli ısıya direnci	-30 +150 °C

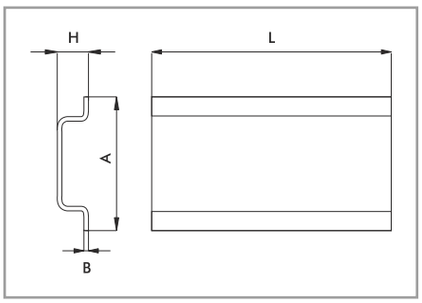
Type	Gray Code	Black Code	Z mm.	S mm.	H mm.	L mm.	C mm.	M mm.	B mm.	Cable Gland Size
56 - 63	PMK 01	PMKS 01	95,5	82,5	44	50	50	69	82	PG11
71 - 80 - 90	PMK 02	PMKS 02	103,5	93	49	55	55	77,5	88	PG16
100 - 112	PMK 03	PMKS 03	125,5	109	49	74	46	93,5	110	PG16
132	PMK 04	PMKS 04	143,5	127,5	56	92	46	112	128	PG21

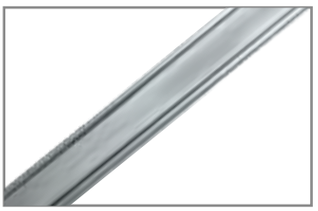
DIN RAILS

ORTAC DIN RAIL

EN	TR
Material : Hot galvanised	Hammaddesi : Soğuk haddelenmiş sac (DKP)
Plating : Chorome+3 White	Kaplama : Krom+3 Beyaz

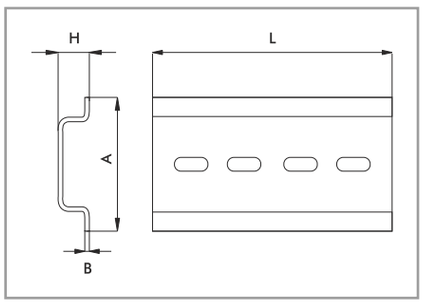
KAPALI TİP MONTAJ RAYI





Code	A mm.	H mm.	B mm.	L cm.
ODSR02	35	7,5	1,0	100
ODSR03	35	7,5	1,0	200
ODSR04	35	7,5	1,0	300

DELİKLİ TİP MONTAJ RAYI





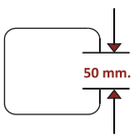
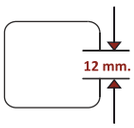
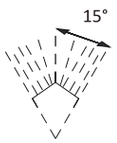
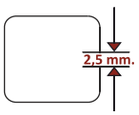
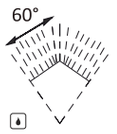
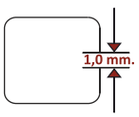
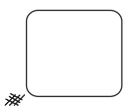
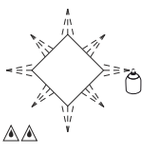
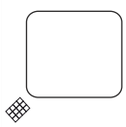
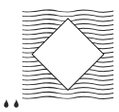
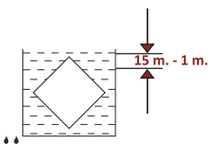
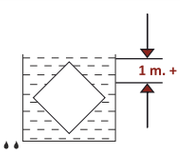
ORTAC PERFORATED DIN RAIL / DELİKLİ TİP

EN	TR
Material : Hot galvanised	Hammaddesi : Soğuk haddelenmiş sac (DKP)
Plating : Chorome+3 White	Kaplama : Krom+3 Beyaz

Code	A mm.	H mm.	B mm.	L cm.
ODSR06	35	7,5	1,0	100
ODSR07	35	7,5	1,0	200
ODSR08	35	7,5	1,0	300

KORUMA SINIFLARI / PROTECTION CLASS (IP)

IP 68 = IP Letter Code ..... IP
1. Hane/Digit 6
2. Hane/Digit 8

1. HANE *DIGIT*	Katı Cisimlere Karşı Koruma Değerleri *Protection From Solid Objects*	2. HANE *DIGIT*	Sıvı Maddelere Karşı Koruma Değerleri *Protection From Liquid Objects*
0	Korumasız/*No protection*	0	Korumasız/*No protection*
1	 50 mm'den büyük katı cisimlere karşı korumalı *Protection against solid objects greater than 50mm in diameter*	1	 Damlayan suya karşı korumalı *Protection from dripping water*
2	 12 mm'den büyük katı cisimlere karşı korumalı *Protection against solid objects greater than 12mm in diameter*	2	 15 dereceye kadar damlayan su *Protection from vertically dripping water tilted up to 15°*
3	 2,5 mm'den büyük katı cisimlere karşı korumalı *Protection against solid objects greater than 2,5mm in diameter*	3	 60 dereceye kadar damlayan su *Protection from vertically dripping water 60°degree angle*
4	 1,0 mm'den büyük katı cisimlere karşı korumalı *Protection against solid objects greater than 1,0mm in diameter*	4	 Sıçrayan suya karşı korumalı *Protection from splashed water*
5	 Toza karşı korumalı *Protection from amount of dust that would interfere with the operation of the equipment*	5	 Su püskürtmesi *Protected against low-pressure jets from all directions - limited ingress permitted*
6	 Toz geçirmez *Dust - tight*	6	 Şiddetli deniz dalgası *Protection against heavy seas, or powerful jets of water*
		7	 Suya daldırma *Protection against effects of immersion from 15cm. to 1m.*
		8	 Su altında bırakma *Protection against the ingress of water form all directions even under greatly high pressure on the housing*

Notes

Notes

Notes

certificates


TÜV NORD

CERTIFICATE

ORTAC


TÜV NORD

CERTIFICATE

ORTAC


TÜV NORD

CERTIFICATE

ORTAC


VDE Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMIGUNG
MARKS APPROVAL

VDE


TÜRK LOYDU

TYPE APPROVAL CERTIFICATE


СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

СЕРТИФИКАТ СООТВЕТСТВИЯ


IEP ENERGY PETROLEUM INSTITUTE

EC-Type Examination Certificate


IEP ENERGY PETROLEUM INSTITUTE

EC-Type Examination Certificate


IEP ENERGY PETROLEUM INSTITUTE

EC-Type Examination Certificate


TÜRK STANDARDLARI ENSTİTÜSÜ

TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

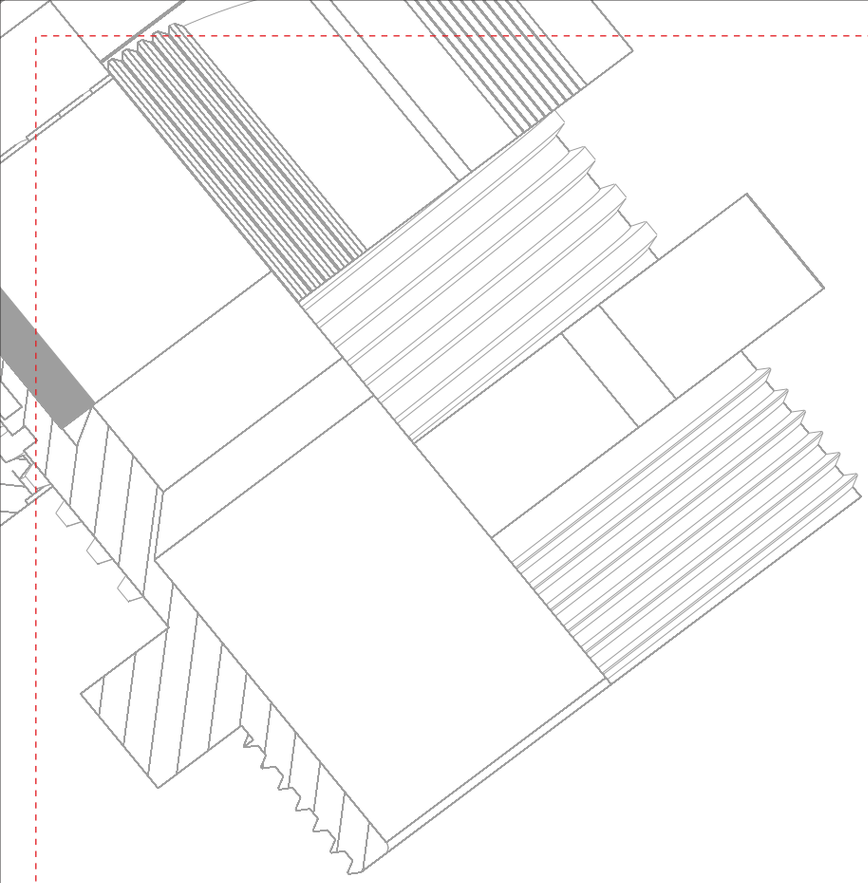

TÜRK STANDARDLARI ENSTİTÜSÜ

TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS


TEST REPORT



CATALOGUE 2017-2018



Establish Safety Connection...

ORTAC®

since 1969