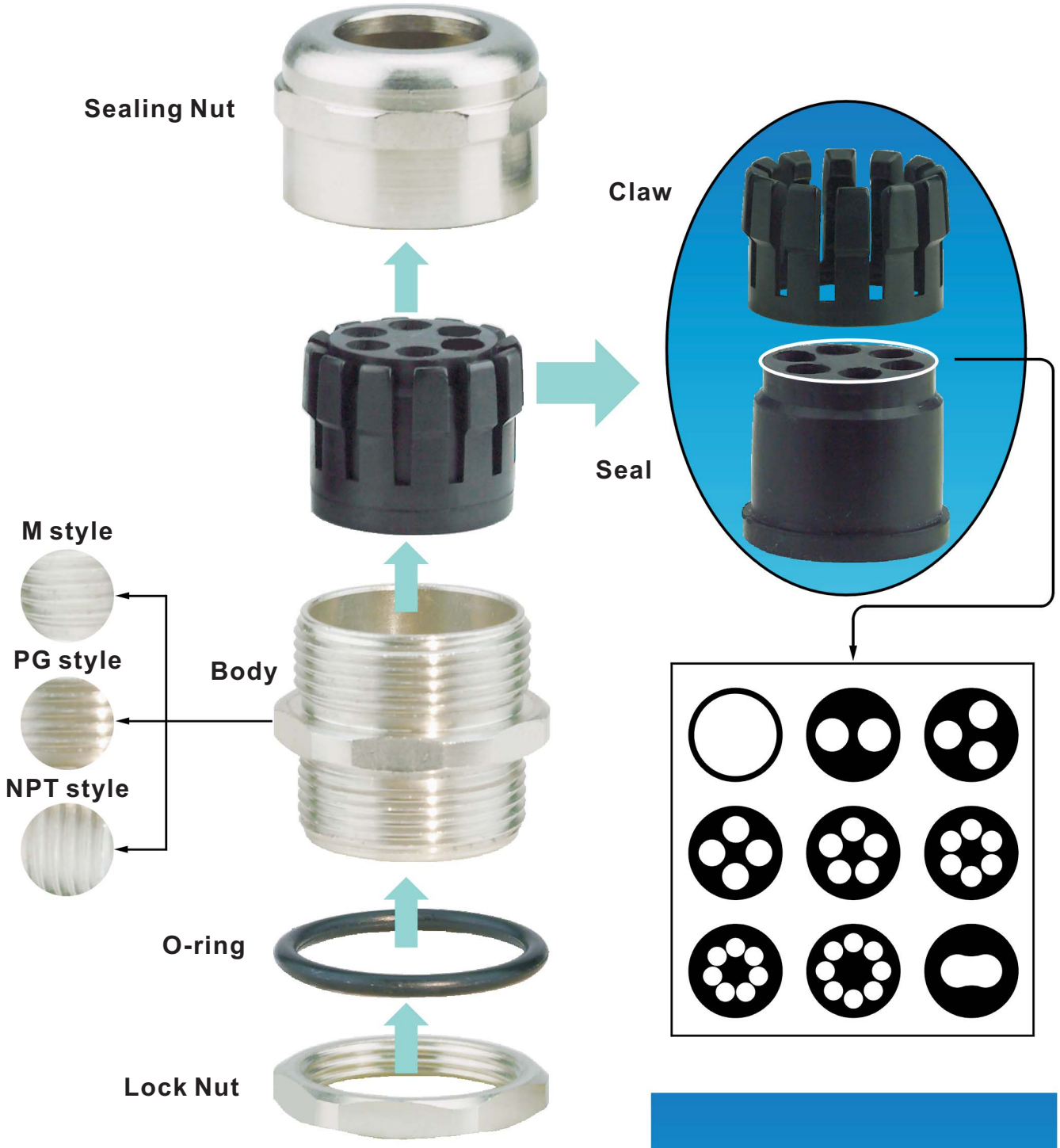
Metallic Glands



Selection guide

Gland types

D:Cable glands

R : Round tubing fittings

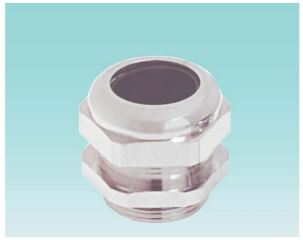
N : Corrugated tubing fittings

S : Flexible conduit fittings

Appearance of the glands

L:Long thread style

S: Short thread style



E:Angle style

L:Long thread style

H: Inlets style

Claw for Clamping theseal

N:No claw and seal

D:seal and claw are separate

C:seal and claw are not separate

1	2	3	4	5	6	7	8
D	A	S	P	M	N	N	— 7

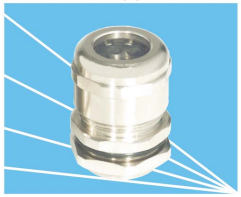
Alias for instead of gland types

A...:Instead of D.R.N.S

Material for glands

P:plastic

C:copper



Z: zinc

Thread types

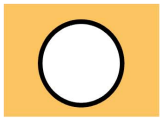
M: Metric

P:PG

N:NPT

Seal for cables

N:through hole



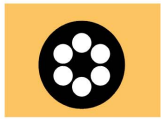
Y2:with two holes

Y3:with three holes

Y4:with four holes

Y5:with five holes

Y6:with six holes



Y7:with seven holes

Y8:with eight holes

L:conjoint holes

Outer diameter of the body

M7 Pg21 NPT 1/2″

Index

☆ Brass cable glands

- Metric connection thread

..... Page C01 - C06

- Explosion proof

..... Page C07 - C09

- EMC / Earthing

..... Page C10 - C18

- PG connection thread

..... Page C19 - C24

- Explosion proof

..... Page C25 - C27

- EMC / Earthing

..... Page C28 - C36

- Special threads made of brass

..... Page C37 - C39

▼ Metric connection thread

..... Page C40-C41

- Strain relief / bending protection

..... Page C42-C44

- EMC / Earthing

..... Page C45

- Special Sealings/Angle

..... Page C46-C48

- PG connection thread

..... Page C49

- Flat cable connection thread

..... Page C50

- Strain relief / bending protection

..... Page C51-C54

- EMC /Earthing /special sealings /Angle

..... Page C55 - C62

☆ Assignment Conduit - Conduit Gland

..... Page C63-C66

☆ Anaconda protective metal conduits

..... Page C67- C71

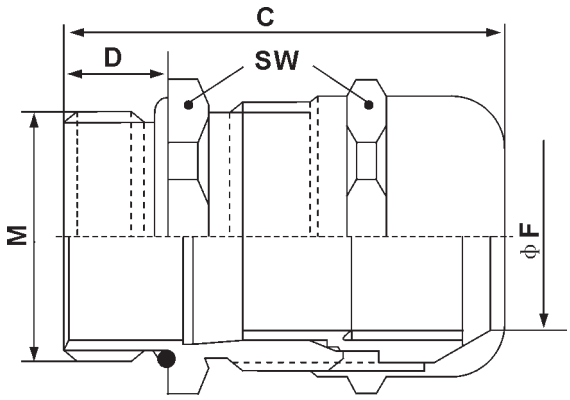
☆ Accessory

..... Page C72

Metric connection thread

DASCM

This product is intended for a wide range of applications where stability and safety is required . Examples would be manufacturing machinery , electronic equipments , medical equipments , and controlling devices .



Technical Data	Temperature range	Protection class	Material
DASCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
○	M12×1.5	DASCMNN -12	12	6.5	3-7	16	27.3
	M16×1.5	DASCMNN -16	16	7	4.5-10	20	32
	M20×1.5	DASCMNN -20	20	8	7-13	24	35.5
	M25×1.5	DASCMNN -25	25	8	9-17	29	37.5
	M32×1.5	DASCMNN -32	32	9	11-21	36	42.2
	M40×1.5	DASCMNN -40	40	9	19-28	45	49.5
	M50×1.5	DASCMNN -50	50	10	27-35	54	52
	M63×1.5	DASCMNN -63	63	15	34-45	67	61.3

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
⚇	M12×1.5	DASCMY2D -12	3 - 1.2	12	6.5	3-7	16	27.3
	M16×1.5	DASCMY2D -16	4 - 1.6	16	7	4.5-10	20	32
	M20×1.5	DASCMY2D -20	3.5 - 2	20	8	7-13	24	35.5
	M25×1.5	DASCMY2D -25	5 - 2	25	8	9-17	29	37.5
	M32×1.5	DASCMY2D -32	10 - 5	32	9	11-21	36	42.2
	M40×1.5	DASCMY2D -40	15 - 9	40	9	19-28	45	49.5
	M50×1.5	DASCMY2D -50	18 -14	50	10	27-35	54	52
	M63×1.5	DASCMY2D -63	23 - 17	63	15	34-45	67	61.3

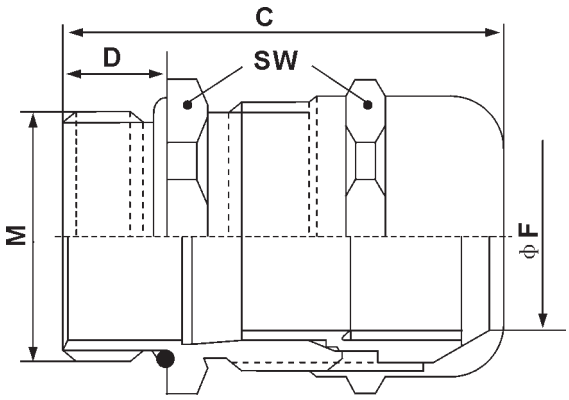
Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
⚇	M12×1.5	DASCMY3D -12	2.6 - 1.2	12	6.5	3-7	16	27.3
	M16×1.5	DASCMY3D -16	4 - 1.6	16	7	4.5-10	20	32
	M20×1.5	DASCMY3D -20	3.5 - 1.5	20	8	7-13	24	35.5
	M25×1.5	DASCMY3D -25	5 - 2	25	8	9-17	29	37.5
	M32×1.5	DASCMY3D -32	10 - 5	32	9	11-21	36	42.2
	M40×1.5	DASCMY3D -40	12.5 - 8	40	9	19-28	45	49.5
	M50×1.5	DASCMY3D -50	16-12	50	10	27-35	54	52
	M63×1.5	DASCMY3D -63	19 -15	63	15	34-45	67	61.3

Brass cable glands

Metric connection thread

DASCM

This product is intended for a wide range of applications where stability and safety is required . Examples would be manufacturing machinery , electronic equipments , medical equipments , and controlling devices .



Technical Data	Temperature range	Protection class	Material
DASCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DASCMY4D -12	2.3 - 1	12	6.5	3-7	16	27.3
	M16×1.5	DASCMY4D -16	3 - 1.2	16	7	4.5-10	20	32
	M20×1.5	DASCMY4D -20	3.5 - 1.5	20	8	7-13	24	35.5
	M25×1.5	DASCMY4D -25	5 - 2	25	8	9-17	29	37.5
	M32×1.5	DASCMY4D -32	9 - 4.5	32	9	11-21	36	42.2
	M40×1.5	DASCMY4D -40	12 - 7	40	9	19-28	45	49.5
	M50×1.5	DASCMY4D -50	15 -12	50	10	27-35	54	52
	M63×1.5	DASCMY4D -63	19 - 15	63	15	34-45	67	61.3

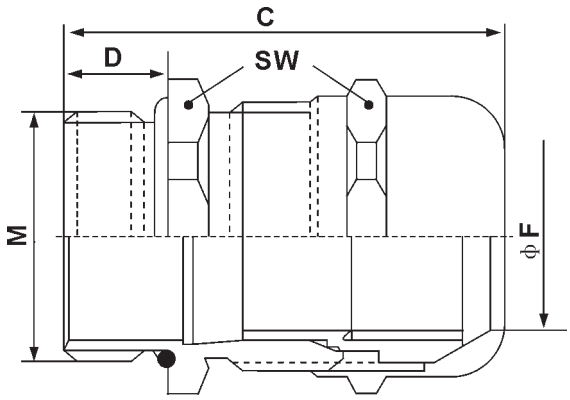
Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DASCMY5D -12	2 - 1	12	6.5	3-7	16	27.3
	M16×1.5	DASCMY5D -16	2.5 - 1	16	7	4.5-10	20	32
	M20×1.5	DASCMY5D -20	3 - 1.2	20	8	7-13	24	35.5
	M25×1.5	DASCMY5D -25	3.5 - 1.5	25	8	9-17	29	37.5
	M32×1.5	DASCMY5D -32	8 -3.5	32	9	11-21	36	42.2
	M40×1.5	DASCMY5D -40	11 - 6	40	9	19-28	45	49.5
	M50×1.5	DASCMY5D -50	13 - 10	50	10	27-35	54	52
	M63×1.5	DASCMY5D -63	17 - 13	63	15	34-45	67	61.3

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DASCMY6D -12	1.8 - 1	12	6.5	3-7	16	27.3
	M16×1.5	DASCMY6D -16	2 - 1	16	7	4.5-10	20	32
	M20×1.5	DASCMY6D -20	3 - 1.2	20	8	7-13	24	35.5
	M25×1.5	DASCMY6D -25	5.3 -2.4	25	8	9-17	29	37.5
	M32×1.5	DASCMY6D -32	7 - 3.5	32	9	11-21	36	42.2
	M40×1.5	DASCMY6D -40	10 - 5	40	9	19-28	45	49.5
	M50×1.5	DASCMY6D -50	12 - 9	50	10	27-35	54	52
	M63×1.5	DASCMY6D -63	15 - 11	63	15	34-45	67	61.3

Metric connection thread

DASCM

This product is intended for a wide range of applications where stability and safety is required . Examples would be manufacturing machinery , electronic equipments , medical equipments , and controlling devices .



Technical Data	Temperature range	Protection class	Material
DASCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DASCMY7D -12	2 - 1	12	6.5	3-7	16	27.3
	M16×1.5	DASCMY7D -16	2.4 -1	16	7	4.5-10	20	32
	M20×1.5	DASCMY7D -20	3 - 1.2	20	8	7-13	24	35.5
	M25×1.5	DASCMY7D -25	3.5 - 1.5	25	8	9-17	29	37.5
	M32×1.5	DASCMY7D -32	6 - 3	32	9	11-21	36	42.2
	M40×1.5	DASCMY7D -40	7 - 4	40	9	19-28	45	49.5
	M50×1.5	DASCMY7D -50	8 - 5.4	50	10	27-35	54	52
	M63×1.5	DASCMY7D -63	9 - 7	63	15	34-45	67	61.3

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DASCMY8D -12	1.8 - 0.8	12	6.5	3-7	16	27.3
	M16×1.5	DASCMY8D -16	2 - 1	16	7	4.5-10	20	32
	M20×1.5	DASCMY8D -20	2.8 - 1	20	8	7-13	24	35.5
	M25×1.5	DASCMY8D -25	3.5 - 1.5	25	8	9-17	29	37.5
	M32×1.5	DASCMY8D -32	6 - 3.5	32	9	11-21	36	42.2
	M40×1.5	DASCMY8D -40	7 - 3.5	40	9	19-28	45	49.5
	M50×1.5	DASCMY8D -50	7.5 -5	50	10	27-35	54	52
	M63×1.5	DASCMY8D -63	8 - 6.5	63	15	34-45	67	61.3

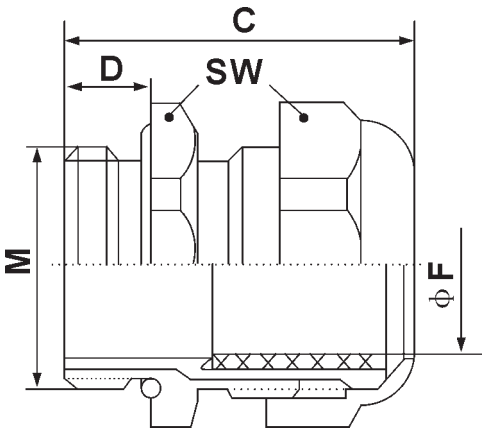
Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Thread Length D	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DASCMLD -12	3 - 1.2	12	6.5	3-7	16	27.3
	M16×1.5	DASCMLD -16	4 - 1.5	16	7	4.5-10	20	32
	M20×1.5	DASCMLD -20	3.5 - 2	20	8	7-13	24	35.5
	M25×1.5	DASCMLD -25	4.5 - 2	25	8	9-17	29	37.5
	M32×1.5	DASCMLD -32	6 - 3.5	32	9	11-21	36	42.2
	M40×1.5	DASCMLD -40	9 - 4.5	40	9	19-28	45	49.5
	M50×1.5	DASCMLD -50	11 - 8	50	10	27-35	54	52
	M63×1.5	DASCMLD -63	14 - 10	63	15	34-45	67	61.3

Brass cable glands

Metric connection thread

DRHCM

This product is intended for industrial connectors . It features metric connection thread , strain relief , high stability and safety ensured by a fixed plastic clamp .



Technical Data	Temperature range	Protection class	Material
DRHCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
○	M25×1.5	DRHCMNN - 25	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMNN - 32	32	12.5	41/41	16-25	40	12.5

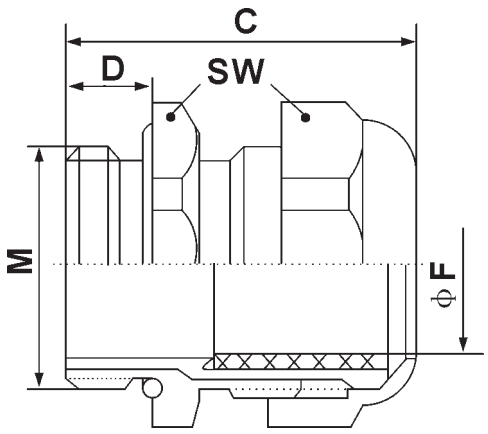
Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
⚇	M25×1.5	DRHCMY2D- 25	5-2	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMY2D-32	10-5	32	12.5	41/41	16-25	40	12.5

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
⁘	M25×1.5	DRHCMY3D - 25	5-2	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMY3D - 32	10-5	32	12.5	41/41	16-25	40	12.5

Metric connection thread

DRHCM

This product is intended for industrial connectors . It features metric connection thread , strain relief , high stability and safety ensured by a fixed plastic clamp .



Technical Data	Temperature range	Protection class	Material
DRHCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M25×1.5	DRHCMY4D- 25	5-2	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMY4D- 32	9 - 4.5	32	12.5	41/41	16-25	40	12.5

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M25×1.5	DRHCMY5D- 25	3.5 - 1.5	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMY5D - 32	8 - 3.5	32	12.5	41/41	16-25	40	12.5

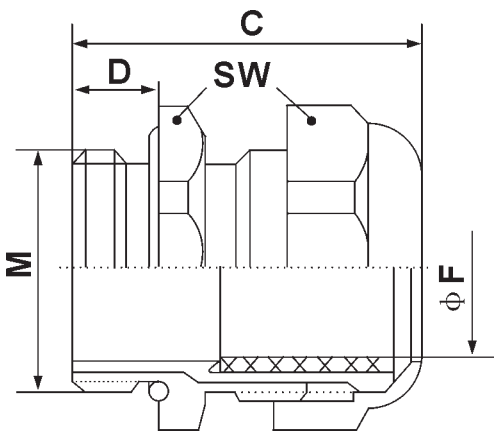
Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M25×1.5	DRHCMY6D - 25	5.3 - 2.4	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMY6D - 32	7 - 3.5	32	12.5	41/41	16-25	40	12.5

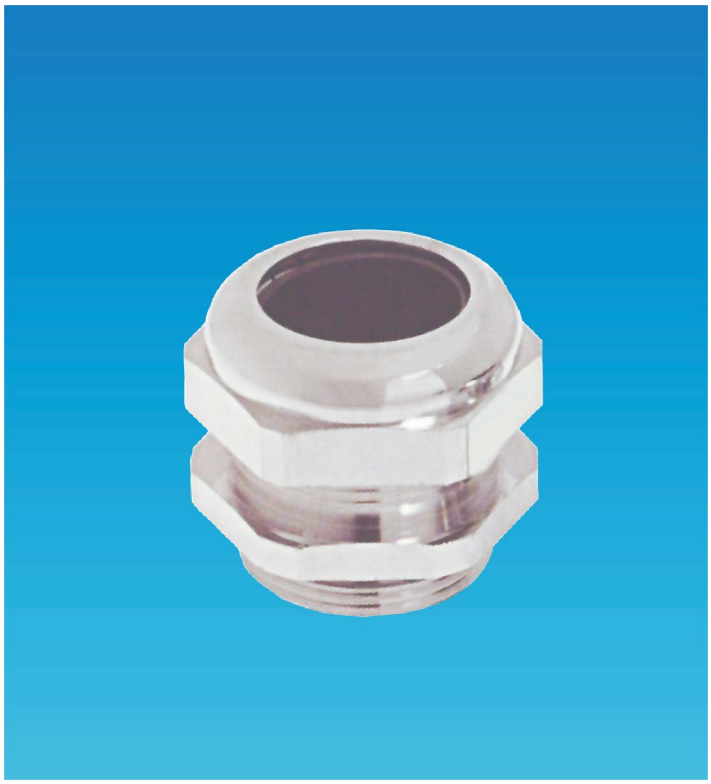
Brass cable glands

Metric connection thread

DRHCM

This product is intended for industrial connectors . It features metric connection thread , strain relief , high stability and safety ensured by a fixed plastic clamp .





Technical Data	Temperature range	Protection class	Material
DRHCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range Φ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M25×1.5	DRHCMY7D- 25	3.5 - 1.5	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMY7D-32	6 - 3	32	12.5	41/41	16-25	40	12.5

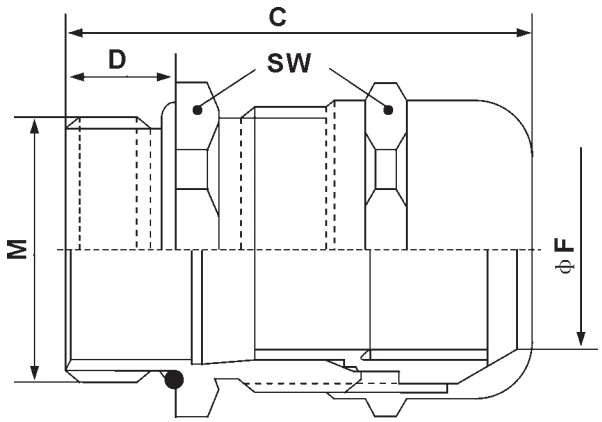
Seal hole	Threaded Entry Metric	Cat . No	Cable Range Φ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M25×1.5	DRHCMY8D- 25	3.5 - 1.5	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMY8D-32	6 - 3.5	32	12.5	41/41	16-25	40	12.5

Seal hole	Threaded Entry Metric	Cat . No	Cable Range Φ	Thread O.D. mm	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M25×1.5	DRHCMYLD - 25	4.5 - 2	25	12	32/32	11-18	30	12
	M32×1.5	DRHCMYLD-32	6 - 3.5	32	12.5	41/41	16-25	40	12.5

Explosion proof

DBSCM

This product is intended for electrical equipments in areas where explosions might be a risk , requiring class E security , such as the field of chemical and petrochemical industry . It is designed to stand up to 90℃and downwards to -30℃ . It features widely variable damping range , high functional security with a permanently locking plastic clamp .



Technical Data	Temperature range	Protection class	Material
DBSCM	-30℃ to +90℃	IP 66-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring :NBR

Seal hole	Threaded Entry Metric	Cat . No	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
○	M12×1.5	DBSCMNN -12	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMNN -16	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMNN -20	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMNN -25	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMNN -32	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMNN -40	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMNN -50	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMNN -63	63	63-63.4	15	73/73	34-45	67	67.0

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
○○	M12×1.5	DBSCMY2D-12	3 - 1.2	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMY2D-16	4 - 1.6	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMY2D-20	3.5 - 2	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMY2D-25	5 - 2	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMY2D-32	10 - 5	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMY2D-40	15 - 9	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMY2D-50	18 - 14	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMY2D-63	23 - 17	63	63-63.4	15	73/73	34-45	67	67.0

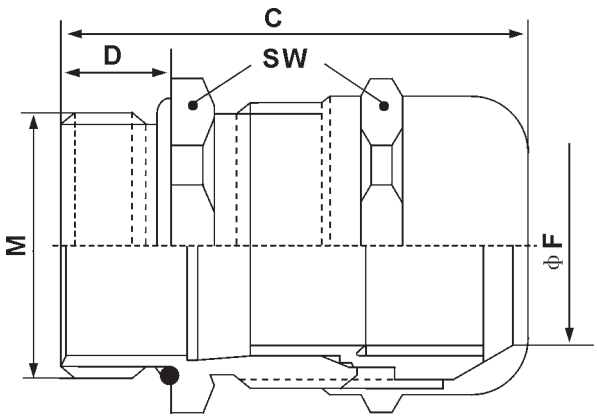
Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
○○○	M12×1.5	DBSCMY3D-12	2.6 - 1.2	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMY3D-16	4 - 1.6	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMY3D-20	3.5 - 1.5	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMY3D-25	5 - 2	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMY3D-32	10 - 5	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMY3D-40	12.5 - 8	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMY3D-50	16 - 12	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMY3D-63	19 - 15	63	63-63.4	15	73/73	34-45	67	67.0

Brass cable glands

Explosion proof

DBSCM

This product is intended for electrical equipments in areas where explosions might be a risk , requiring class E security , such as the field of chemical and petrochemical industry . It is designed to stand up to 90℃and downwards to -30℃ . It features widely variable damping range , high functional security with a permanently locking plastic clamp .



Technical Data	Temperature range	Protection class	Material
DBSCM	-30℃ to +90℃	IP 66-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring :NBR

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DBSCMY4D-12	2.3 - 1	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMY4D-16	3 - 1.2	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMY4D-20	3.5 - 1.5	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMY4D-25	5 - 2	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMY4D-32	9 - 4.5	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMY4D-40	12 - 7	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMY4D-50	15 - 12	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMY4D-63	19 - 15	63	63-63.4	15	73/73	34-45	67	67.0

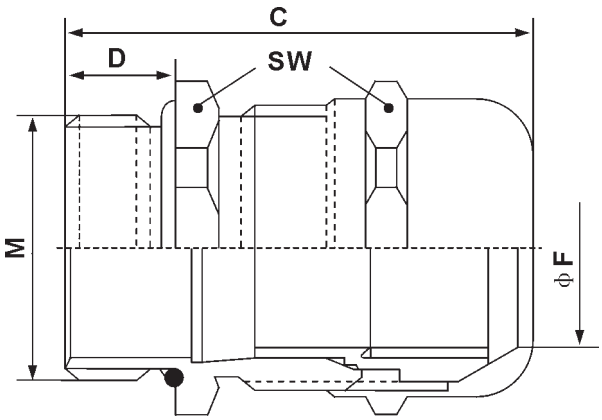
Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DBSCMY5D-12	2 - 1	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMY5D-16	2.5 - 1	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMY5D-20	3 - 1.2	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMY5D-25	3.5 - 1.5	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMY5D-32	8 - 3.5	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMY5D-40	11 - 6	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMY5D-50	13 - 10	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMY5D-63	17 - 13	63	63-63.4	15	73/73	34-45	67	67.0

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DBSCMY6D-12	1.8 - 1	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMY6D-16	2 - 1	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMY6D-20	3 - 1.2	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMY6D-25	5.3 - 2.4	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMY6D-32	7 - 3.5	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMY6D-40	10 - 5	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMY6D-50	12 - 9	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMY6D-63	15 - 11	63	63-63.4	15	73/73	34-45	67	67.0

Explosion proof

DBSCM

This product is intended for electrical equipments in areas where explosions might be a risk , requiring class E security , such as the field of chemical and petrochemical industry . It is designed to stand up to 90℃and downwards to -30℃ . It features widely variable damping range , high functional security with a permanently locking plastic clamp .



Technical Data	Temperature range	Protection class	Material
DBSCM	-30℃ to +90℃	IP 66-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring :NBR

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DBSCMY7D-12	2 - 1	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMY7D-16	2.4 - 1	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMY7D-20	3 - 1.2	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMY7D-25	3.5 - 1.2	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMY7D-32	6 - 3	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMY7D-40	7 - 4	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMY7D-50	8 - 5.4	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMY7D-63	9 - 7	63	63-63.4	15	73/73	34-45	67	67.0

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DBSCMY8D-12	1.8 - 0.8	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMY8D-16	2 - 1	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMY8D-20	2.8 - 1	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMY8D-25	3.5 - 1.5	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMY8D-32	6 - 3.5	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMY8D-40	7 - 3.5	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMY8D-50	7.5 - 5	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMY8D-63	8 - 6.5	63	63-63.4	15	73/73	34-45	67	67.0

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	M12×1.5	DBSCMLD-12	3 - 1.2	12	12-12.3	6.5	17/17	3-7	16	19.5
	M16×1.5	DBSCMLD-16	4 - 1.5	16	16-16.3	7	22/22	4.5-10	20	33
	M20×1.5	DBSCMLD-20	3.5 - 2	20	20-20.3	8	24/24	7-13	24	37
	M25×1.5	DBSCMLD-25	4.5 - 2	25	25-25.4	8	32/32	9-17	29	38.5
	M32×1.5	DBSCMLD-32	6 - 3.5	32	32-32.4	9	41/41	11-21	36	45.5
	M40×1.5	DBSCMLD-40	9 - 4.5	40	40-40.4	9	50/50	19-28	45	48
	M50×1.5	DBSCMLD-50	11 - 8	50	50-50.4	10	60/60	26-35	54	55.5
	M63×1.5	DBSCMLD-63	14 - 10	63	63-63.4	15	73/73	34-45	67	67.0

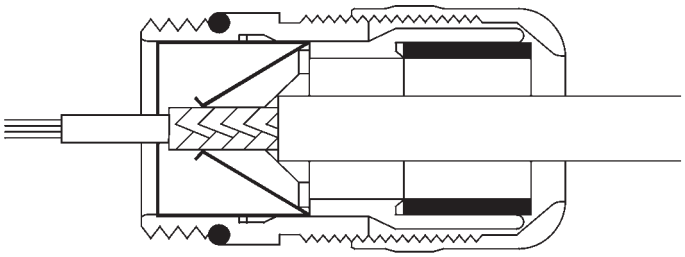
EMC/Earthing

DCSCM

The DCSCM Screen Connection is the ideal gland for all coper-screened cables .The widely variable clamping ranges greatly simplify mounting and allocation and thus permit economic storage .
The DCSCM looks like a normal gland but contacts the screen much more rapid than any other system . With the DCSCM the cable is centralized , attached , strain-relieved and hermetically sealed . Introduce the cable ensuring that the screening braid is in the contacting spring and turn . With the DCSCM the cable's screening braid not only provide mechanical strength , but also helps achieve an optimum low-resistance screen contact .
In addition ,we offer our proven DASCM with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

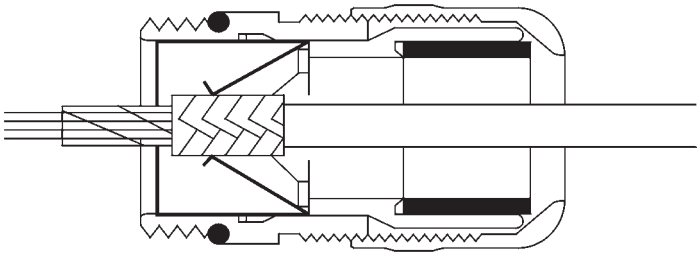
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



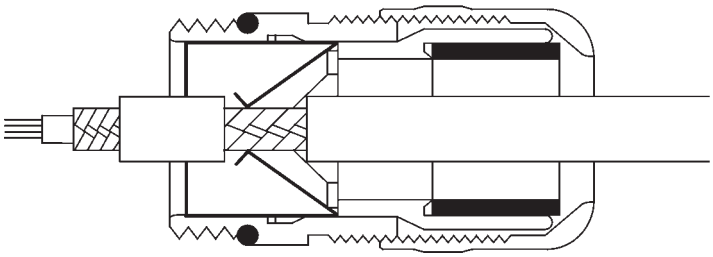
With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
---Guide the cable through the cable gland until the connection is made between the cable screen and contact spring -Turn shut... and it is ready for use !



Technical Data	Temperature range	Protection class	Material
DCSCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Thread O.D. M	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
○	M16×1.5	DCSCMNN-16	16	16-16.3	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMNN-20	20	20-20.3	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMNN-25	25	25-25.4	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMNN-32	32	32-32.4	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMNN-40	40	40-40.4	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMNN-50	50	50-50.4	10	60/60	27-35	54	21.0

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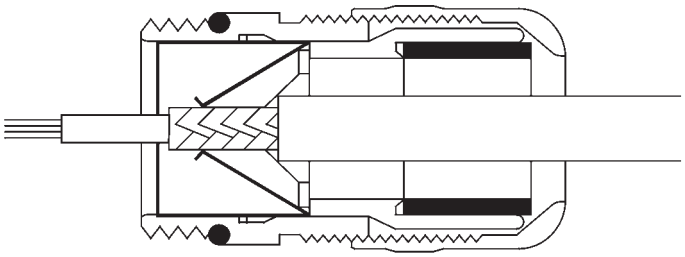

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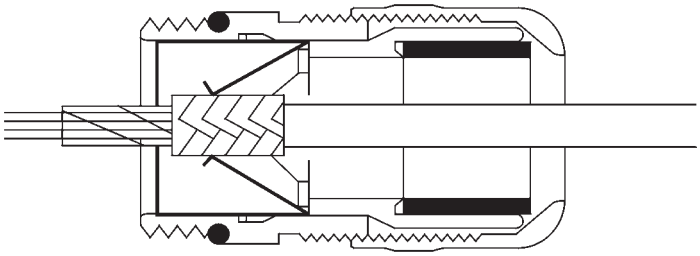

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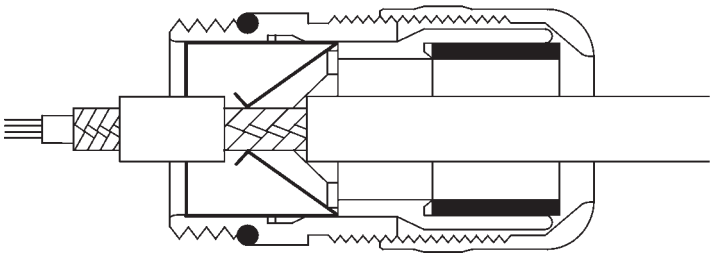

Technical Data	Temperature range	Protection class	Material
DCSCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMY2D-16	4 - 1.6	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMY2D-20	3.5 - 2	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMY2D-25	5 - 2	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMY2D-32	10 - 5	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMY2D-40	15 - 9	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMY2D-50	18 - 14	10	60/60	27-35	54	21.0

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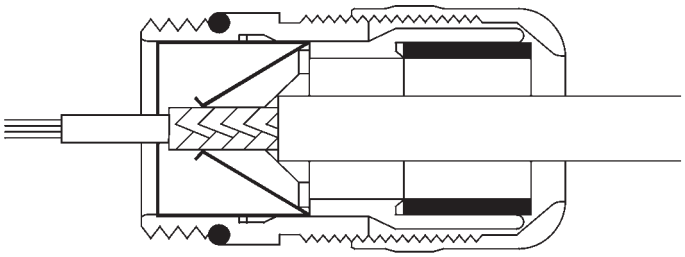

With thin wires without an inner sheath

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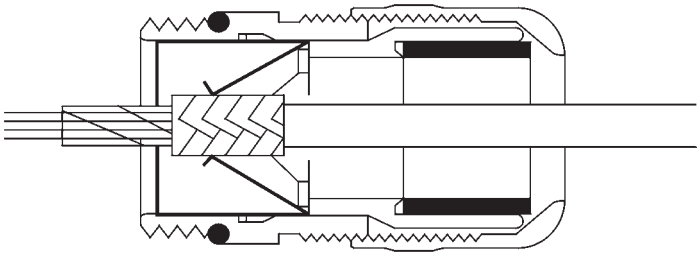

When routing the cable screen to another connection

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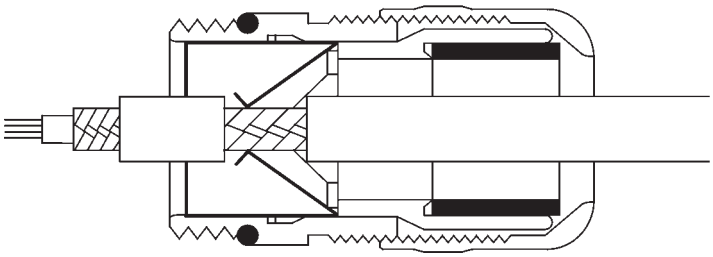

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Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMY3D-16	4 - 1.6	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMY3D-20	3.5 - 1.5	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMY3D-25	5 - 2	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMY3D-32	10 - 5	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMY3D-40	12.5 - 8	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMY3D-50	16 - 12	10	60/60	27-35	54	21.0

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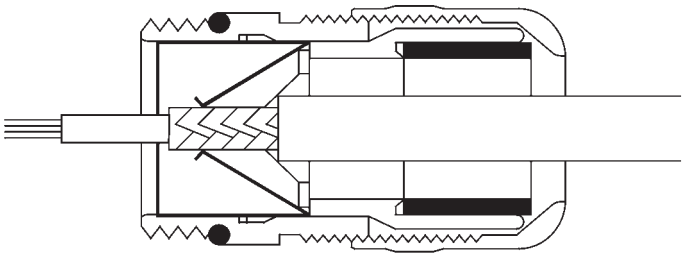

With thin wires without an inner sheath

---Strip back the outer sheath .
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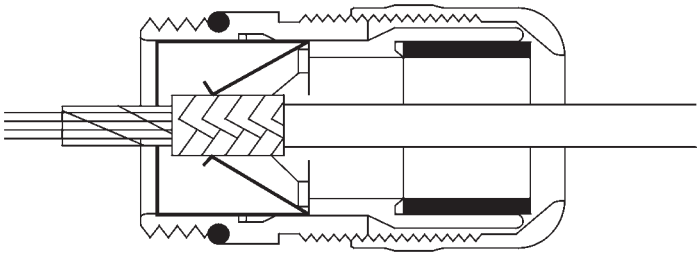

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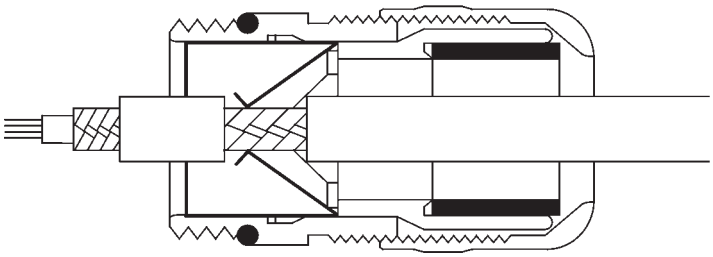

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Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMY4D-16	3 - 1.2	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMY4D-20	3.5 - 1.5	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMY4D-25	5 - 2	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMY4D-32	9 - 4.5	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMY4D-40	12 - 7	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMY4D-50	15 -12	10	60/60	27-35	54	21.0

Brass cable glands

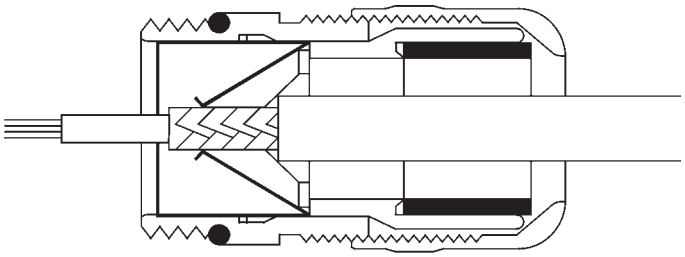
EMC/Earthing

DCSCM

The DCSCM Screen Connection is the ideal gland for all coper-screened cables .The widely variable clamping ranges greatly simplify mounting and allocation and thus permit economic storage .
The DCSCM looks like a normal gland but contacts the screen much more rapid than any other system . With the DCSCM the cable is centralized , attached , strain-relieved and hermetically sealed . Introduce the cable ensuring that the screening braid is in the contacting spring and turn . With the DCSCM the cable's screening braid not only provide mechanical strength , but also helps achieve an optimum low-resistance screen contact .
In addition ,we offer our proven DASCM with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

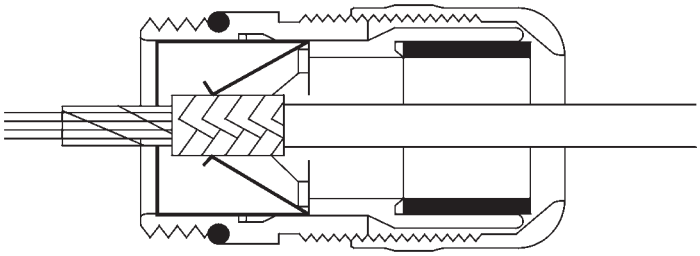
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



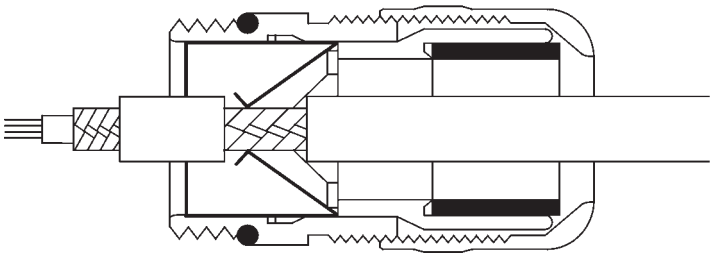
With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
---Guide the cable through the cable gland until the connection is made between the cable screen and contact spring -Turn shut... and it is ready for use !



Technical Data	Temperature range	Protection class	Material
DCSCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMY5D-16	2.5 - 1	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMY5D-20	3 - 1.2	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMY5D-25	3.5 - 1.5	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMY5D-32	8 - 3.5	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMY5D-40	11 - 6	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMY5D-50	13 - 10	10	60/60	27-35	54	21.0

EMC/Earthing

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The DCSCM Screen Connection is the ideal gland for all coper-screened cables .The widely variable clamping ranges greatly simplify mounting and allocation and thus permit economic storage .
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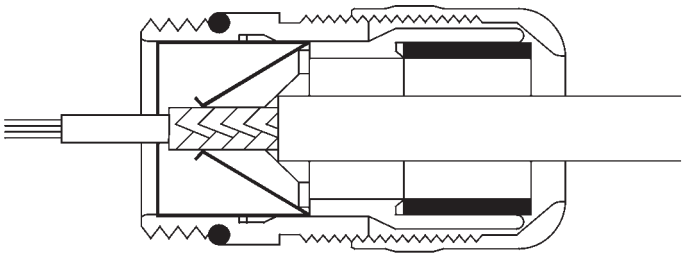
In addition ,we offer our proven DASCM with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

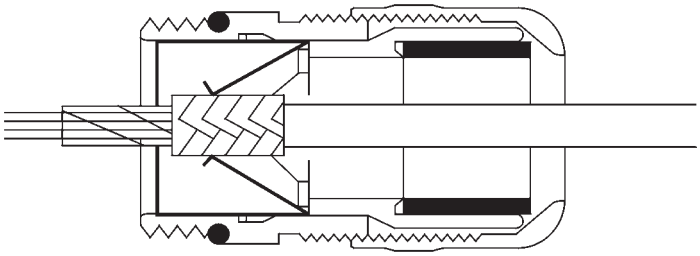
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



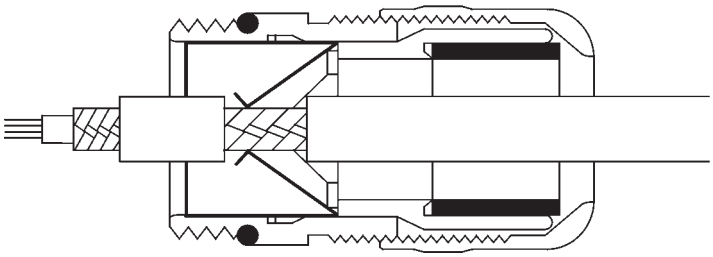
With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
---Guide the cable through the cable gland until the connection is made between the cable screen and contact spring -Turn shut... and it is ready for use !



Technical Data	Temperature range	Protection class	Material
DCSCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMY6D-16	2 - 1	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMY6D-20	3 - 1.2	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMY6D-25	5.3 - 2.4	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMY6D-32	7 - 3.5	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMY6D-40	10 - 5	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMY6D-50	12 - 9	10	60/60	27-35	54	21.0

EMC/Earthing

DCSCM

The DCSCM Screen Connection is the ideal gland for all coper-screened cables .The widely variable clamping ranges greatly simplify mounting and allocation and thus permit economic storage .
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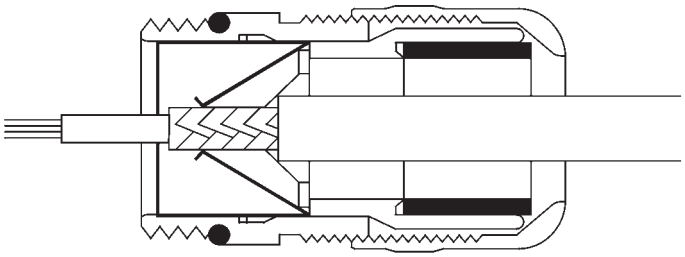
In addition ,we offer our proven DASCM with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

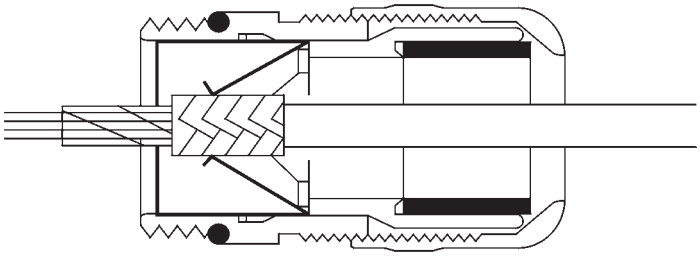
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



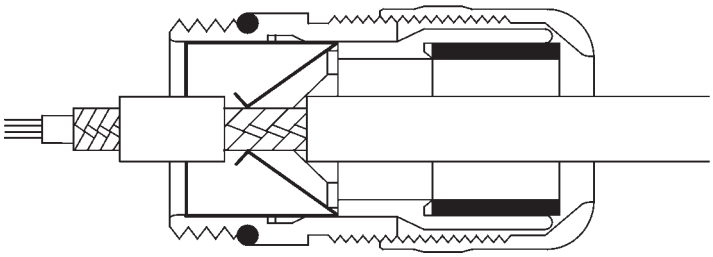
With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
---Guide the cable through the cable gland until the connection is made between the cable screen and contact spring -Turn shut... and it is ready for use !



Technical Data	Temperature range	Protection class	Material
DCSCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMY7D-16	2.4 - 1	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMY7D-20	3 - 1.2	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMY7D-25	3.5 - 1.5	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMY7D-32	6 - 3	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMY7D-40	7 - 4	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMY7D-50	8 - 5.4	10	60/60	27-35	54	21.0

EMC/Earthing

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With the standard contacting

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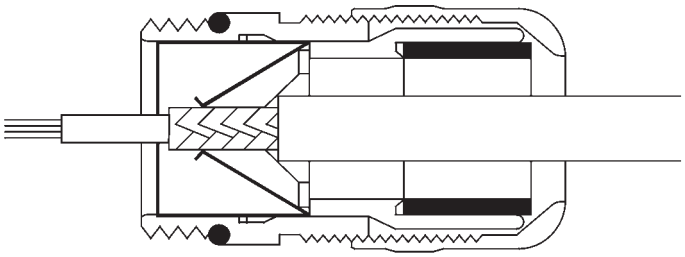
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
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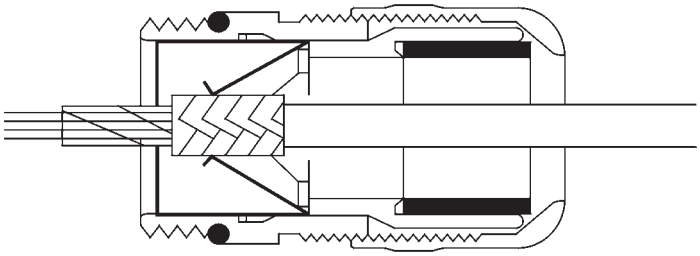

When routing the cable screen to another connection

---Expose the screen braid approx .10mm
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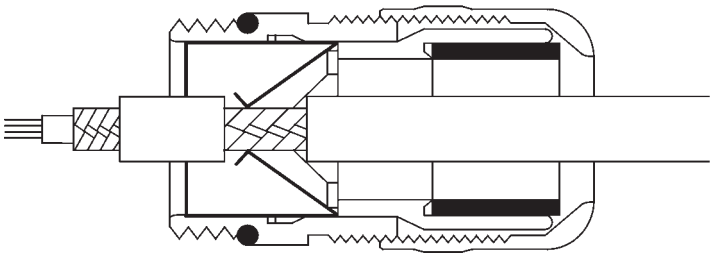

Technical Data	Temperature range	Protection class	Material
DCSCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range Φ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMY8D-16	2 - 1	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMY8D-20	2.8 - 1	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMY8D-25	3.5 - 1.5	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMY8D-32	6 - 3.5	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMY8D-40	7 - 3.5	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMY8D-50	7.5 - 5	10	60/60	27-35	54	21.0

Brass cable glands

EMC/Earthing

DCSCM

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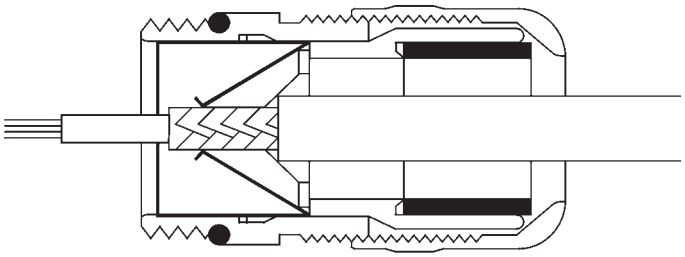
In addition ,we offer our proven DASCM with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

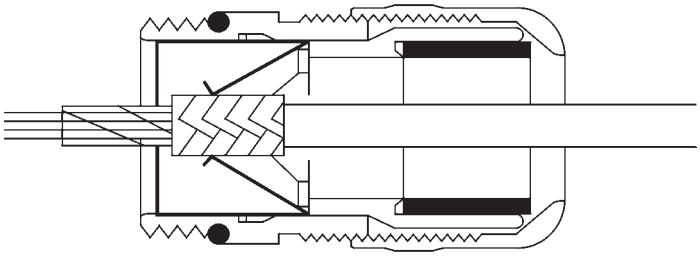
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



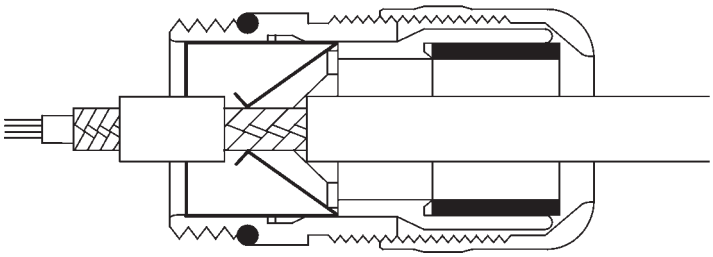
With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
---Guide the cable through the cable gland until the connection is made between the cable screen and contact spring -Turn shut... and it is ready for use !



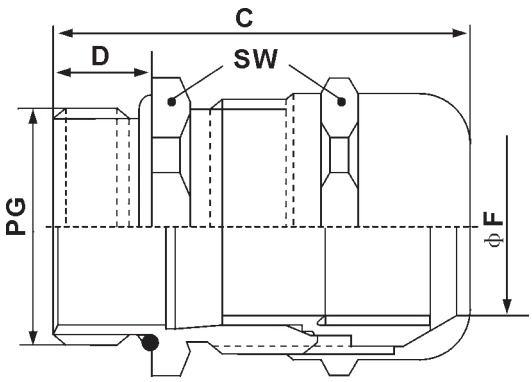
Technical Data	Temperature range	Protection class	Material
DCSCM	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry Metric	Cat . No	Cable Range ϕ	Thread Length D	Spanner Size A & F	Outside Diameter mm from-to	Wrench Size mm	Minimum Diameter over braid mm
	M16×1.5	DCSCMLD-16	4 - 1.5	7.0	22/22	4.5-9	20	4.0
	M20×1.5	DCSCMLD-20	3.5 - 2	8.0	24/24	7.0-12.5	24	5.0
	M25×1.5	DCSCMLD-25	4.5 - 2	8.0	32/32	9.0-16.5	29	7.5
	M32×1.5	DCSCMLD-32	6 - 3.5	9.0	41/41	11-21	36	9.0
	M40×1.5	DCSCMLD-40	9 - 4.5	9.0	50/50	19-28	45	15.0
	M50×1.5	DCSCMLD-50	11 - 8	10	60/60	27-35	54	21.0

PG connection thread

DASCP

This product is manufactured form high quality nickel-plated brass . It is intended for areas where safety and stability is important . Such areas may include manufacturing of machinery and the manufactured machinery itself , measuring and controlling devices , and medical equipments . A permanently locked plastic clamp prevents distortion.



Technical Data	Temperature range	Protection class	Material
DASCP	-30℃ to+100℃	IP 68-5 bar	Body : Brass , nickel-plated Insert : Polyamide Sealing Ring : Neoprene O-ring : perbunan

Seal hole	Threaded Entry PG	Cat . No	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
○	PG 7	DASCPNN-7	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPNN-9	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPNN-11	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPNN-13.5	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPNN-16	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPNN-21	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPNN-29	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPNN-36	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPNN-42	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPNN-48	59.3	59.3-59.7	15	70/65	34-44	64	62

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
⬮	PG 7	DASCPY2D-7	3 - 1.2	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPY2D-9	3.5 - 1.5	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPY2D-11	3.5 -1.8	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPY2D-13.5	3.5 - 2	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPY2D-16	4.5 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPY2D-21	8 - 4	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPY2D-29	12 - 6	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPY2D-36	15 - 9	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPY2D-42	18 - 15	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPY2D-48	22 - 17	59.3	59.3-59.7	15	70/65	34-44	64	62

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
⬮	PG 7	DASCPY3D-7	2.6 - 1.2	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPY3D-9	3 - 1.5	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPY3D-11	3.5 - 1.5	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPY3D-13.5	4 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPY3D-16	4 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPY3D-21	6 - 3	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPY3D-29	11 - 5	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPY3D-36	15 - 9	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPY3D-42	17 - 13	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPY3D-48	19 - 15	59.3	59.3-59.7	15	70/65	34-44	64	62

Brass cable glands

PG connection thread

DASCP

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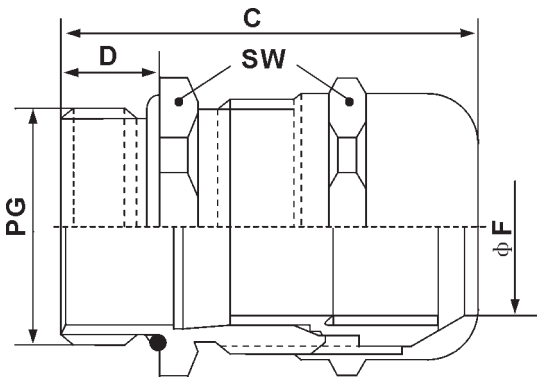


Technical Data	Temperature range	Protection class	Material
DASCP	-30℃ to+100℃	IP 68-5 bar	Body : Brass , nickel-plated Insert : Polyamide Sealing Ring : Neoprene O-ring : perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DASCPY4D-7	2.3 - 1	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPY4D-9	3 - 1	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPY4D-11	3 - 1.5	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPY4D-13.5	3.5 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPY4D-16	4 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPY4D-21	8 - 4	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPY4D-29	11 - 6	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPY4D-36	13 - 7	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPY4D-42	18 - 12	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPY4D-48	20 -17	59.3	59.3-59.7	15	70/65	34-44	64	62

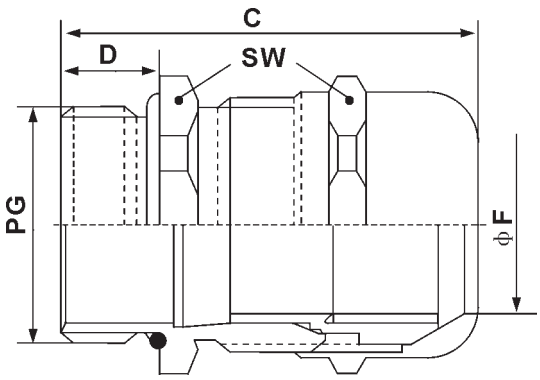
Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DASCPY5D-7	2 - 1	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPY5D-9	2.5 - 1	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPY5D-11	2.5-1.5	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPY5D-13.5	3 -1.5	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPY5D-16	4 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPY5D-21	4.5 - 2	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPY5D-29	10 - 3.5	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPY5D-36	13 -7	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPY5D-42	15 - 8	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPY5D-48	17 - 13	59.3	59.3-59.7	15	70/65	34-44	64	62

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DASCPY6D-7	1.8 - 1	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPY6D-9	2 - 1	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPY6D-11	2.5 - 1.2	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPY6D-13.5	3 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPY6D-16	4 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPY6D-21	7 - 3	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPY6D-29	9 - 5	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPY6D-36	11 - 7	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPY6D-42	13 - 9	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPY6D-48	15 - 11	59.3	59.3-59.7	15	70/65	34-44	64	62

PG connection thread

DASCP

This product is manufactured form high quality nickel-plated brass . It is intended for areas where safety and stability is important . Such areas may include manufacturing of machinery and the manufactured machinery itself , measuring and controlling devices , and medical equipments . A permanently locked plastic clamp prevents distortion.



Technical Data	Temperature range	Protection class	Material
DASCP	-30℃ to+100℃	IP 68-5 bar	Body : Brass , nickel-plated Insert : Polyamide Sealing Ring : Neoprene O-ring : perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DASCPY7D-7	2 - 1	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPY7D-9	2.4 -1	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPY7D-11	3 - 1	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPY7D-13.5	3 -1.5	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPY7D-16	3 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPY7D-21	4 - 2	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPY7D-29	6 - 3	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPY7D-36	7 - 5	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPY7D-42	8 - 5	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPY7D-48	9 - 6	59.3	59.3-59.7	15	70/65	34-44	64	62

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DASCPY8D-7	1.8 - 0.8	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPY8D-9	2 - 1	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPY8D-11	2.5-1	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPY8D-13.5	2.8 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPY8D-16	3 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPY8D-21	3.5 - 1.5	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPY8D-29	7 - 3	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPY8D-36	7.5 - 5	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPY8D-42	8 - 5	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPY8D-48	8 - 6	59.3	59.3-59.7	15	70/65	34-44	64	62

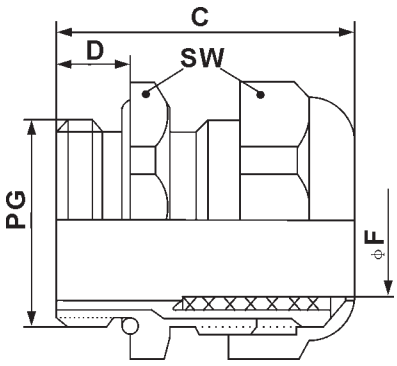
Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DASCPLD-7	3 - 1.2	12.5	12.5-12.8	5	17/15	2-6.5	14	25
	PG 9	DASCPLD-9	3 - 1.5	15.2	15.2-15.5	6	22/19	3-8	17	29
	PG 11	DASCPLD-11	3 - 2	18.6	18.6-18.9	6	24/22	4-10	20	32
	PG 13.5	DASCPLD-13.5	3.5 - 2	20.4	20.4-20.7	6.5	27/24	5-12	22	34
	PG 16	DASCPLD-16	4 - 2	22.5	22.5-22.8	6.5	30/27	8-14	24	35
	PG 21	DASCPLD-21	5 - 2	28.3	28.3-28.7	7	36/33	11-18	30	40
	PG 29	DASCPLD-29	6.5 - 4	37	37-37.4	8	46/41	16-25	40	48
	PG 36	DASCPLD-36	9 - 5	47	47-47.4	15	57/50	19-32	50	62
	PG 42	DASCPLD-42	11 - 7	54	54-54.4	15	64/62	28-38	57	62
	PG 48	DASCPLD-48	15 - 8	59.3	59.3-59.7	15	70/65	34-44	64	62

Brass cable glands

PG connection thread

DBSCP

This product is similar to the DASCP when it comes to consistency and reliability . However , it comes with a fixed plastic clamping device allowing it more applications and usage . Clamping units and pieces are made to allow it on to large cable cross sections with ease .



Technical Data	Temperature range	Protection class	Material
DBSCP	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
○	PG 21	DBSCPNN-21	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPNN-29	37	37-37.4	8	41/41	25-29.5	46	36.2

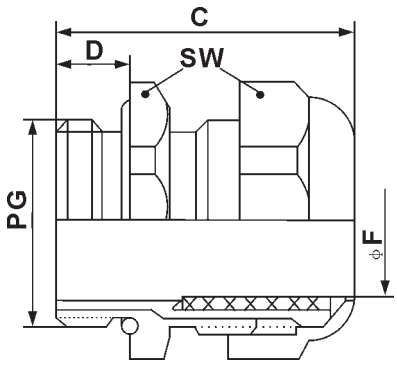
Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
●	PG 21	DBSCPY2D-21	8-4	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPY2D-29	12 - 6	37	37-37.4	8	41/41	25-29.5	46	36.2

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
●	PG 21	DBSCPY3D-21	6 - 3	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPY3D-29	11 - 5	37	37-37.4	8	41/41	25-29.5	46	36.2

PG connection thread

DBSCP

This product is similar to the DASCP when it comes to consistency and reliability . However , it comes with a fixed plastic clamping device allowing it more applications and usage . Clamping units and pieces are made to allow it on to large cable cross sections with ease .



Technical Data	Temperature range	Protection class	Material
DBSCP	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 21	DBSCPY4D-21	8-4	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPY4D-29	11 - 6	37	37-37.4	8	41/41	25-29.5	46	36.2

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 21	DBSCPY5D-21	4.5 - 2	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPY5D-29	10 - 3.5	37	37-37.4	8	41/41	25-29.5	46	36.2

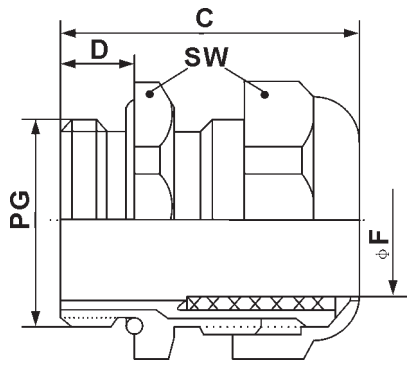
Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 21	DBSCPY6D-21	7 - 3	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPY6D-29	9 - 5	37	37-37.4	8	41/41	25-29.5	46	36.2

Brass cable glands

PG connection thread

DBSCP

This product is similar to the DASCP when it comes to consistency and reliability . However , it comes with a fixed plastic clamping device allowing it more applications and usage . Clamping units and pieces are made to allow it on to large cable cross sections with ease .



Technical Data	Temperature range	Protection class	Material
DBSCP	-30℃ to +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 21	DBSCPY7D-21	4 - 2	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPY7D-29	6 - 3	37	37-37.4	8	41/41	25-29.5	46	36.2

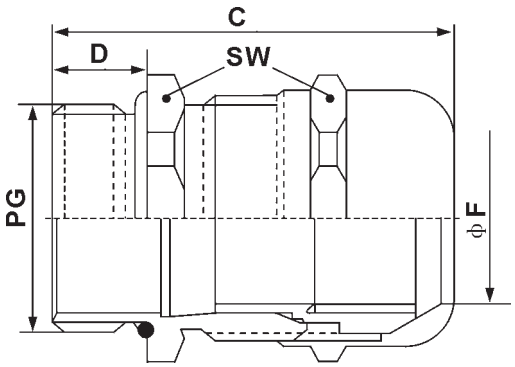
Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 21	DBSCPY8D-21	3.5 - 1.5	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPY8D-29	7 - 3	37	37-37.4	8	41/41	25-29.5	46	36.2

Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 21	DBSCPLD-21	5 - 2	28.3	28.3-28.7	7	32/32	16-20	32	28.5
	PG 29	DBSCPLD-29	6.5 - 4	37	37-37.4	8	41/41	25-29.5	46	36.2

Explosion proof

DSSCP

This product is intended for applications where explosion might be a risk , requiring a class E security . Such application includes chemical and petrochemical industry . It can stand a temperatures as high as 110℃ and as low as -40℃ under dynamic stress . It offers great stability , protection against distortion with a permanently locked plastic clamp , and wide spectrum of clamping range .



Technical Data	Temperature range	Protection class	Material
DSSCP	-40℃ to +110℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring :Viton

Seal hole	Threaded Entry PG	Cat . No	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
○	PG 7	DSSCPNN-7	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPNN-9	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPNN-11	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPNN-13.5	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPNN-16	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPNN-21	40	40-40.4	7	50/50	11-18	30	40

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
⬮	PG 7	DSSCPY2D-7	3 - 1.2	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPY2D-9	3.5 - 1.5	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPY2D-11	3.5 - 1.8	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPY2D-13.5	3.5 - 2	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPY2D-16	4.5 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPY2D-21	8 - 4	40	40-40.4	7	50/50	11-18	30	40

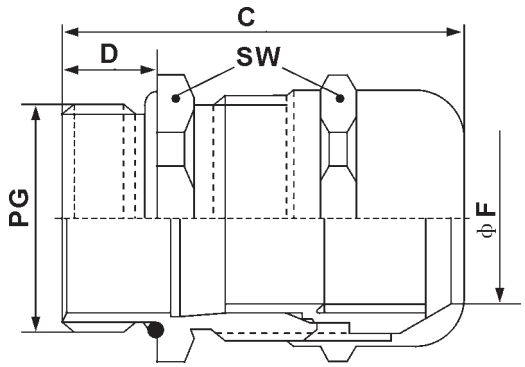
Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
⬮	PG 7	DSSCPY3D-7	2.6 - 1.2	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPY3D-9	3 - 1.5	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPY3D-11	3.5 - 1.5	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPY3D-13.5	4 - 1.5	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPY3D-16	4 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPY3D-21	6 - 3	40	40-40.4	7	50/50	11-18	30	40

Brass cable glands

Explosion proof

DSSCP

This product is intended for applications where explosion might be a risk , requiring a class E security . Such application includes chemical and petrochemical industry . It can stand a temperatures as high as 110℃ and as low as -40℃ under dynamic stress . It offers great stability , protection against distortion with a permanently locked plastic clamp , and wide spectrum of clamping range .



Technical Data	Temperature range	Protection class	Material
DSSCP	-40℃ to +110℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring :Viton

Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DSSCPY4D-7	2.3 - 1	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPY4D-9	3 - 1	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPY4D-11	3 - 1.5	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPY4D-13.5	3.5 - 1.5	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPY4D-16	4 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPY4D-21	8 - 4	40	40-40.4	7	50/50	11-18	30	40

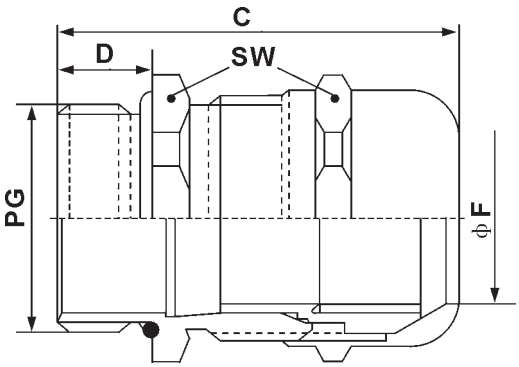
Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DSSCPY5D-7	2 - 1	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPY5D-9	2.5 - 1	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPY5D-11	2.5 - 1.5	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPY5D-13.5	3 - 1.5	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPY5D-16	4 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPY5D-21	4.5 - 2	40	40-40.4	7	50/50	11-18	30	40

Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DSSCPY6D-7	1.8 - 1	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPY6D-9	2 - 1	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPY6D-11	2.5 - 1.2	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPY6D-13.5	3 - 1.5	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPY6D-16	4 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPY6D-21	7 - 3	40	40-40.4	7	50/50	11-18	30	40

Explosion proof

DSSCP

This product is intended for applications where explosion might be a risk , requiring a class E security . Such application includes chemical and petrochemical industry . It can stand a temperatures as high as 110℃ and as low as -40℃ under dynamic stress . It offers great stability , protection against distortion with a permanently locked plastic clamp , and wide spectrum of clamping range .



Technical Data	Temperature range	Protection class	Material
DSSCP	-40℃ to +110℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring :Viton

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DSSCPY7D-7	2 - 1	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPY7D-9	2.4 - 1	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPY7D-11	3 - 1	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPY7D-13.5	3 - 1.5	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPY7D-16	3 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPY7D-21	4 - 2	40	40-40.4	7	50/50	11-18	30	40

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DSSCPY8D-7	1.8 - 0.8	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPY8D-9	2 - 1	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPY8D-11	2.5 - 1	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPY8D-13.5	2.8 - 1.5	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPY8D-16	3 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPY8D-21	3.5 - 1.5	40	40-40.4	7	50/50	11-18	30	40

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Clamping Rang mm	Wrench Size mm	C mm
	PG 7	DSSCPLD-7	3 - 1.2	12	12-12.3	5	17/17	2-6.5	14	25
	PG 9	DSSCPLD-9	3 - 1.5	16	16-16.3	6	22/22	3-8	17	28
	PG 11	DSSCPLD-11	3 - 2	20	20-20.3	6	24/24	4-10	20	32
	PG 13.5	DSSCPLD-13.5	3.5 - 2	25	25-25.4	6.5	32/32	5-12	22	34
	PG 16	DSSCPLD-16	4 - 2	32	32-32.4	6.5	41/41	8-14	25	35
	PG 21	DSSCPLD-21	5 - 2	40	40-40.4	7	50/50	11-18	30	40

Brass cable glands

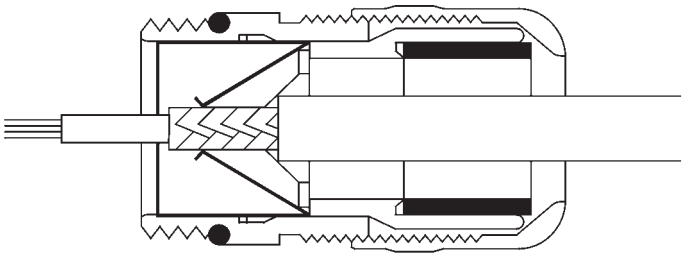
EMC/Earthing

DCSCP

The DCSCP Screen Connection is the ideal gland for all coper-screened cables .The widely variable clamping ranges greatly simplify mounting and allocation and thus permit economic storage .
The DCSCP looks like a normal gland but contacts the screen much more rapid than any other system . With the DCSCP the cable is centralized , attached , strain-relieved and hermetically sealed . Introduce the cable ensuring that the screening braid is in the contacting spring and turn . With the DCSCP the cable's screening braid not only provide mechanical strength , but also helps achieve an optimum low-resistance screen contact .
In addition ,we offer our proven DASCP with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

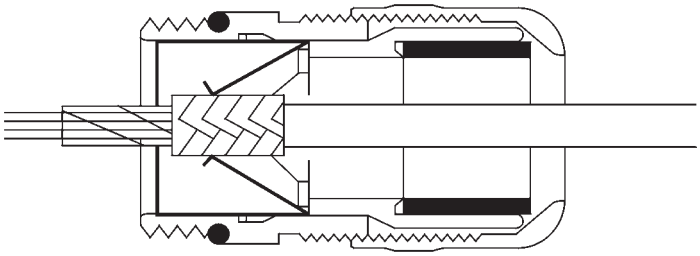
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



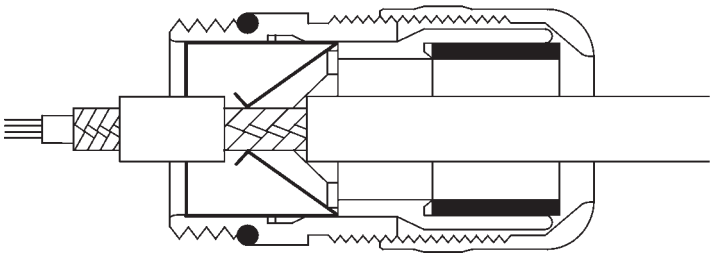
With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
---Guide the cable through the cable gland until the connection is made between the cable screen and contact spring -Turn shut... and it is ready for use !
In addition ,we offer our proven DASCP with long thread . PG 7 to PG 21 mm and PG 29 with 15 mm thread for thick wall housing .



Technical Data	Temperature range	Protection class	Material
DCSCP	-30℃ to +100℃	IP 68	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
○	PG 9	DCSCPNN-9	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPNN-11	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPNN-13.5	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
	PG 16	DCSCPNN-16	22.5	22.5-22.8	6.5	30/27	8-14	29	6
	PG 21	DCSCPNN-21	28.3	28.3-28.7	7	36/33	11-17.5	36	8
	PG 29	DCSCPNN-29	37	37-37.4	8	46/41	16-25	45	13
	PG 36	DCSCPNN-36	47	47-47.4	15	57/50	19-32	54	16

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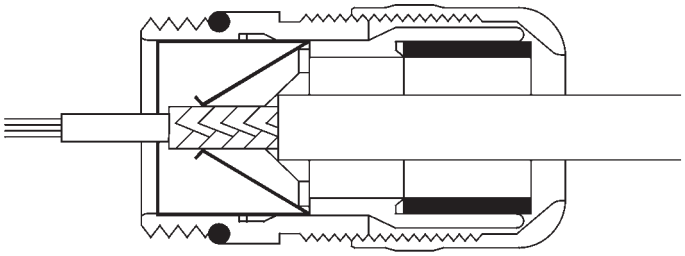
In addition ,we offer our proven DASCP with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
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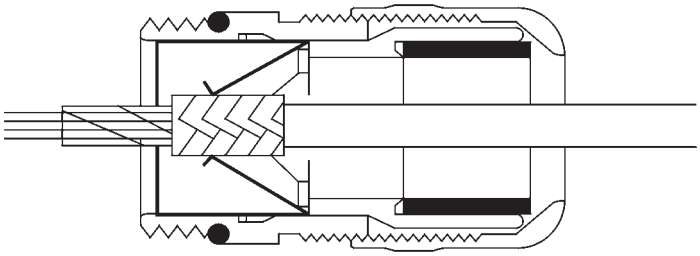

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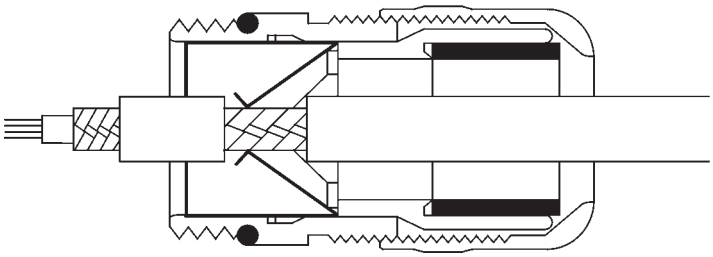

Technical Data	Temperature range	Protection class	Material
DCSCP	-30℃ to +100℃	IP 68	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPY2D-9	3.5 - 1.5	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPY2D-11	3.5 - 1.8	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPY2D-13.5	3.5 - 2	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
	PG 16	DCSCPY2D-16	4.5 - 2	22.5	22.5-22.8	6.5	30/27	8-14	29	6
	PG 21	DCSCPY2D-21	8 - 4	28.3	28.3-28.7	7	36/33	11-17.5	36	8
	PG 29	DCSCPY2D-29	12 - 6	37	37-37.4	8	46/41	16-25	45	13
	PG 36	DCSCPY2D-36	15 - 9	47	47-47.4	15	57/50	19-32	54	16

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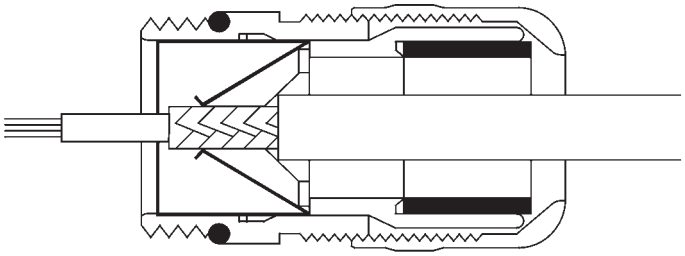
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



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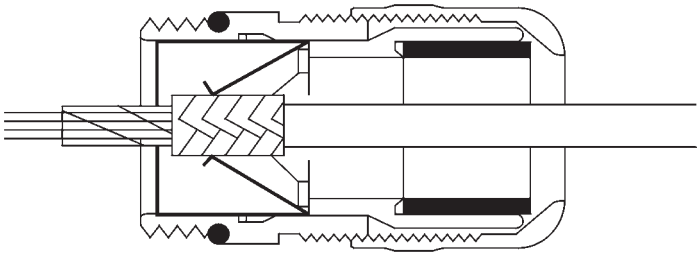

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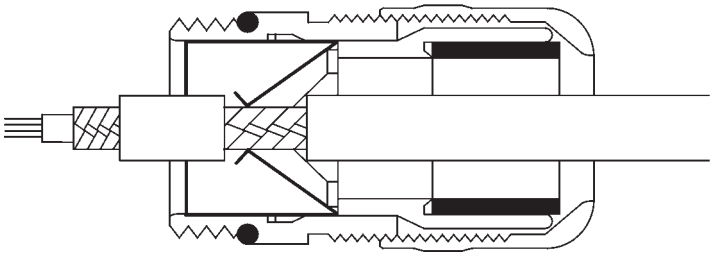

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Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPY3D-9	3 - 1.5	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPY3D-11	3.5 - 1.5	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPY3D-13.5	4 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
	PG 16	DCSCPY3D-16	4 - 2	22.5	22.5-22.8	6.5	30/27	8-14	29	6
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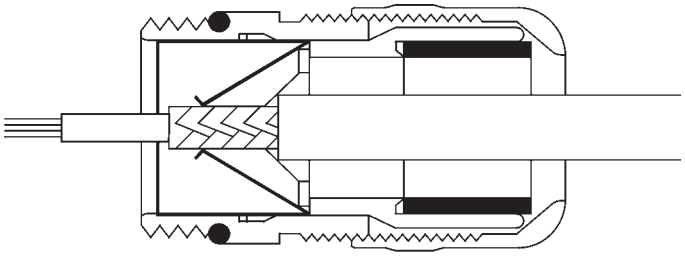

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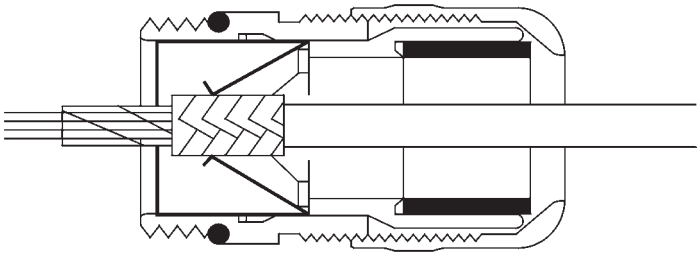

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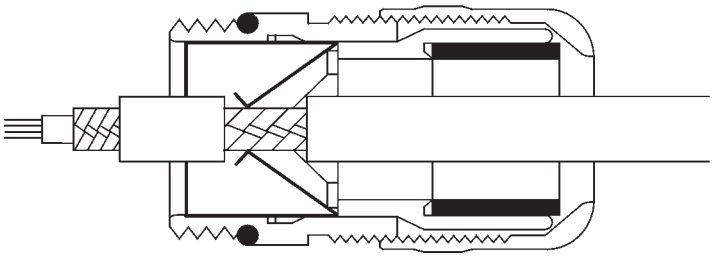

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DCSCP	-30℃ to +100℃	IP 68	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPY4D-9	3 - 1	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPY4D-11	3 - 1.5	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPY4D-13.5	3.5 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
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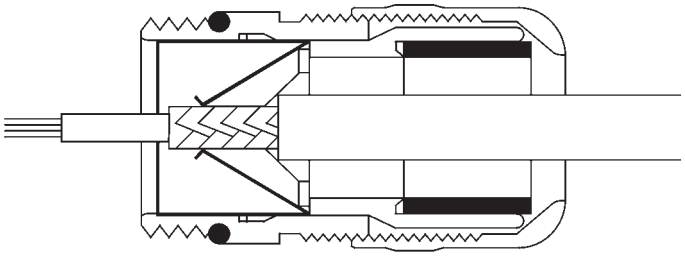

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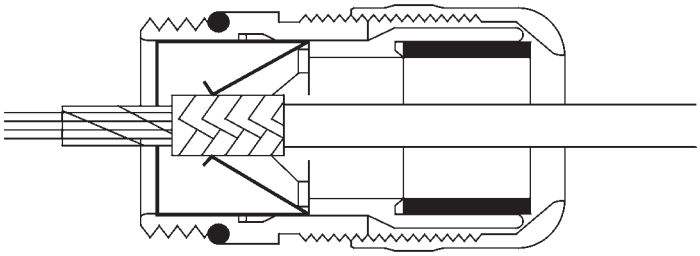

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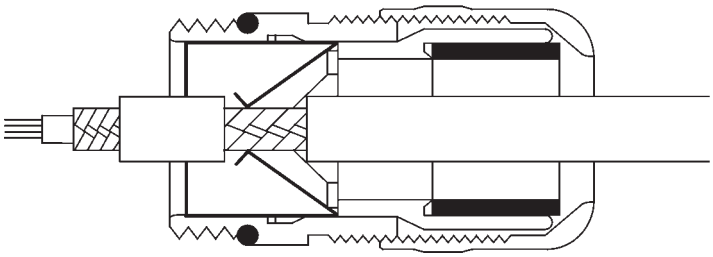

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Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPY5D-9	2.5 - 1	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPY5D-11	2.5 - 1.5	18.6	18.6-18.9	6	24/22	4-10	20	4.0
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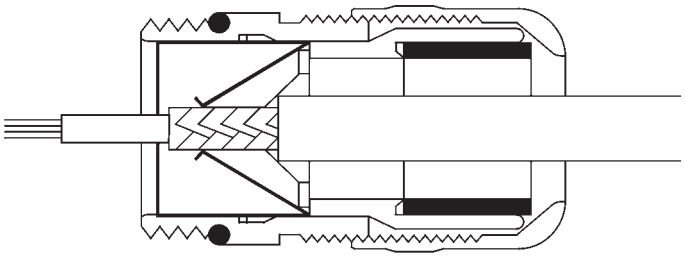

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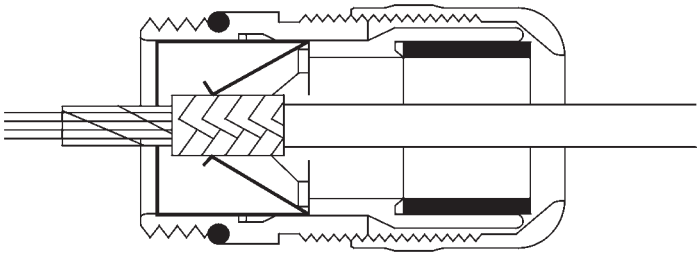

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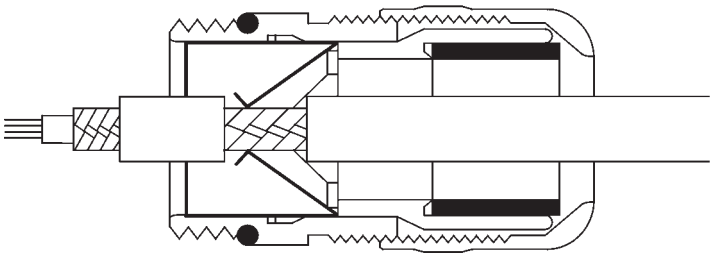

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Seal hole	Threaded Entry PG	Cat . No	Cable Range Φ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPY6D-9	2 - 1	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPY6D-11	2.5 - 1.2	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPY6D-13.5	3 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
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	PG 21	DCSCPY6D-21	7 - 3	28.3	28.3-28.7	7	36/33	11-17.5	36	8
	PG 29	DCSCPY6D-29	9 - 5	37	37-37.4	8	46/41	16-25	45	13
	PG 36	DCSCPY6D-36	11 - 7	47	47-47.4	15	57/50	19-32	54	16

Brass cable glands

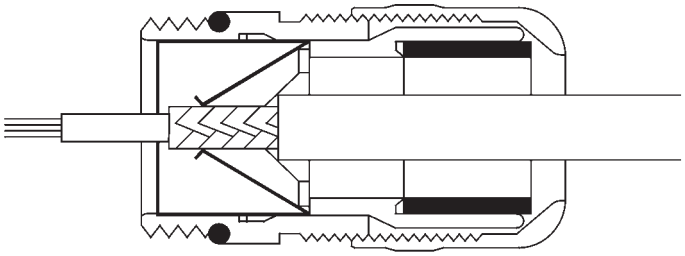
EMC/Earthing

DCSCP

The DCSCP Screen Connection is the ideal gland for all coper-screened cables .The widely variable clamping ranges greatly simplify mounting and allocation and thus permit economic storage .
The DCSCP looks like a normal gland but contacts the screen much more rapid than any other system . With the DCSCP the cable is centralized , attached , strain-relieved and hermetically sealed . Introduce the cable ensuring that the screening braid is in the contacting spring and turn . With the DCSCP the cable's screening braid not only provide mechanical strength , but also helps achieve an optimum low-resistance screen contact .
In addition ,we offer our proven DASCP with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

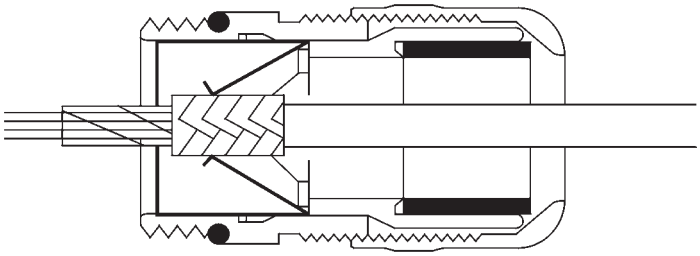
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



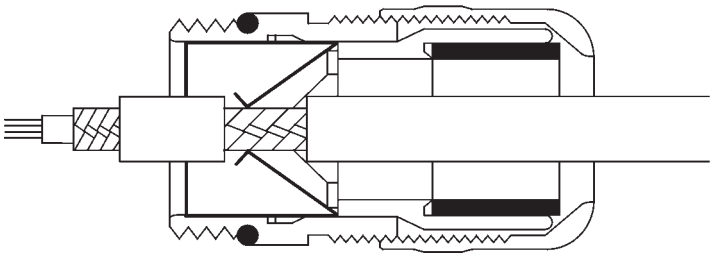
With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
---Guide the cable through the cable gland until the connection is made between the cable screen and contact spring -Turn shut... and it is ready for use !
In addition ,we offer our proven DASCP with long thread . PG 7 to PG 21 mm and PG 29 with 15 mm thread for thick wall housing .



Technical Data	Temperature range	Protection class	Material
DCSCP	-30℃ to +100℃	IP 68	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPY7D-9	2.4 - 1	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPY7D-11	3 - 1	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPY7D-13.5	3 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
	PG 16	DCSCPY7D-16	3 - 2	22.5	22.5-22.8	6.5	30/27	8-14	29	6
	PG 21	DCSCPY7D-21	4 - 2	28.3	28.3-28.7	7	36/33	11-17.5	36	8
	PG 29	DCSCPY7D-29	6 - 3	37	37-37.4	8	46/41	16-25	45	13
	PG 36	DCSCPY7D-36	7 - 5	47	47-47.4	15	57/50	19-32	54	16

EMC/Earthing

DCSCP

The DCSCP Screen Connection is the ideal gland for all coper-screened cables .The widely variable clamping ranges greatly simplify mounting and allocation and thus permit economic storage .
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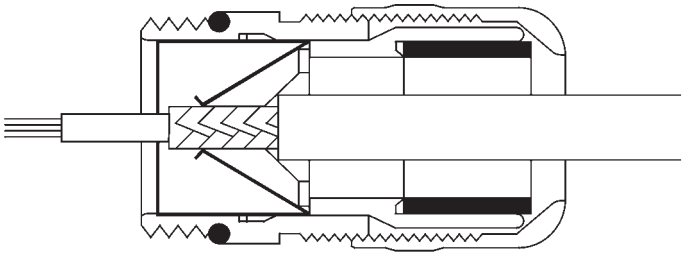
In addition ,we offer our proven DASCP with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

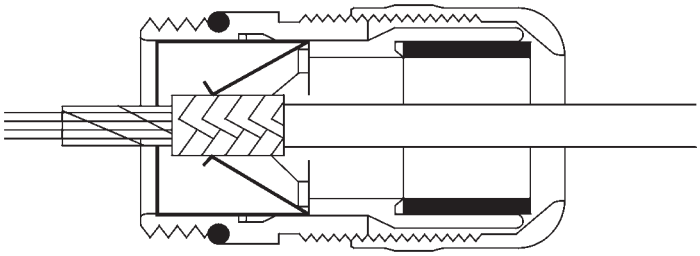
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
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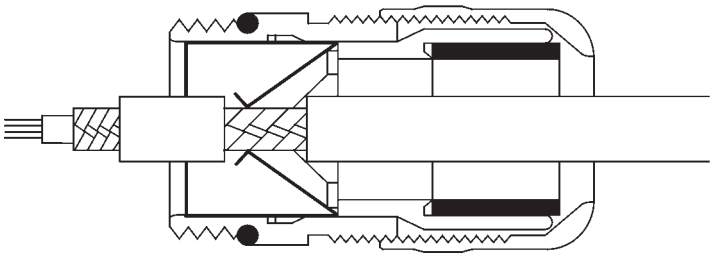
In addition ,we offer our proven DASCP with long thread . PG 7 to PG 21 mm and PG 29 with 15 mm thread for thick wall housing .



Technical Data	Temperature range	Protection class	Material
DCSCP	-30℃ to +100℃	IP 68	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPY8D-9	2 - 1	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPY8D-11	2.5 - 1	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPY8D-13.5	2.8 - 1.5	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
	PG 16	DCSCPY8D-16	3 - 2	22.5	22.5-22.8	6.5	30/27	8-14	29	6
	PG 21	DCSCPY8D-21	3.5 - 1.5	28.3	28.3-28.7	7	36/33	11-17.5	36	8
	PG 29	DCSCPY8D-29	7 - 3	37	37-37.4	8	46/41	16-25	45	13
	PG 36	DCSCPY8D-36	7.5 - 5	47	47-47.4	15	57/50	19-32	54	16

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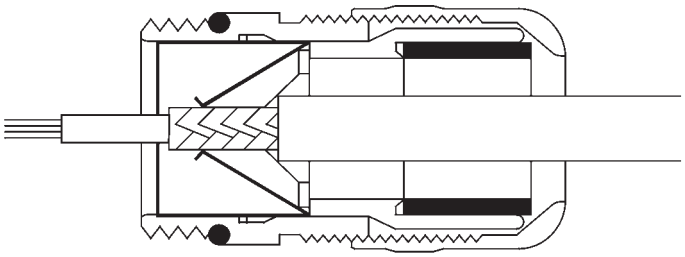
In addition ,we offer our proven DASCP with long thread PG 21 with 12mm and PG 29 with 15 mm thread for thick wall housing .

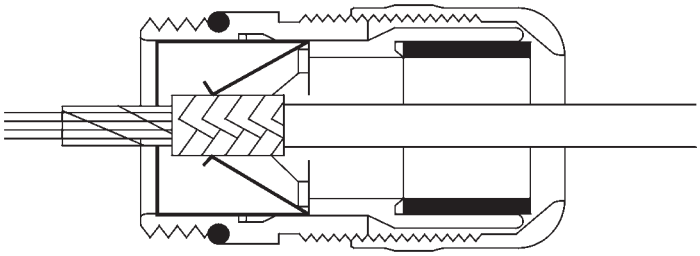
With the standard contacting

---Strip back the outer sheath and screen
---Make a round cut in the outer sheath approx . 15mm , but do not remove the sheath .
---Guide the cable through the cable gland .
---Pull off the outer sheath
---Pull back the cable until the connection is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



With thin wires without an inner sheath

---Strip back the outer sheath .
---Pull back the screen braid approx . 15-20 mm over the outer sheath
---Insert the cables into the cable gland until the contact is made between the cable screen and contact spring -Turn shut ...and it is ready for use !



When routing the cable screen to another connection

---Expose the screen braid approx .10mm
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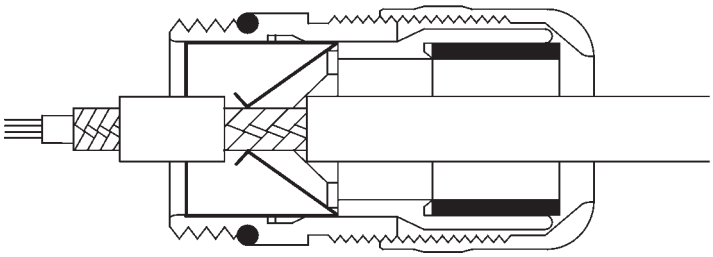


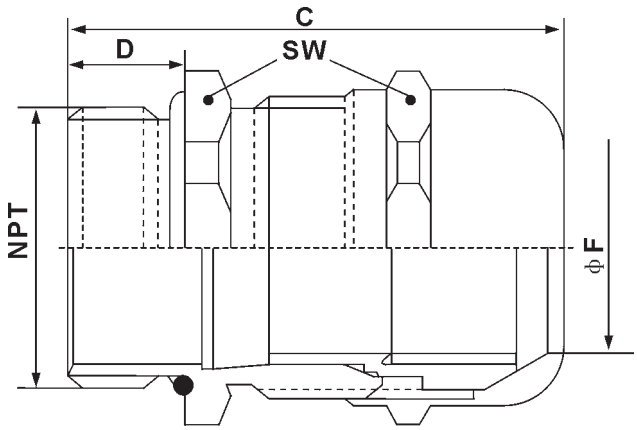
Technical Data	Temperature range	Protection class	Material
DCSCP	-30℃ to +100℃	IP 68	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry PG	Cat . No	Cable Range ϕ	Thread O.D. PG	Panel Mounting Hole	Thread Length D	Spanner Size A & F	Outside diameter mm from-to	Wrench Size mm	Minimum diameter over braid mm
	PG 9	DCSCPLD-9	3 - 1.5	15.2	15.2-15.5	6	22/19	4-7.5	16	4.0
	PG 11	DCSCPLD-11	3 - 2	18.6	18.6-18.9	6	24/22	4-10	20	4.0
	PG 13.5	DCSCPLD-13.5	3.5 - 2	20.4	20.4-20.7	6.5	27/24	5-12	24	4.0
	PG 16	DCSCPLD-16	4 - 2	22.5	22.5-22.8	6.5	30/27	8-14	29	6
	PG 21	DCSCPLD-21	5 - 2	28.3	28.3-28.7	7	36/33	11-17.5	36	8
	PG 29	DCSCPLD-29	6.5 - 4	37	37-37.4	8	46/41	16-25	45	13
	PG 36	DCSCPLD-36	9 - 5	47	47-47.4	15	57/50	19-32	54	16

SPECIAL THREADS MADE OF BRASS

DTSCN

This product comes with NPT connection thread manufactured from high quality nickel-plated brass . It is practically the metal version of the standard nylon gland . It can be used on a wide range of applications and devices . It offers a reduced seal insert to allow it to be used on cables with much smaller diameters .



Technical Data	Temperature range	Protection class	Material
DTSCN	-30℃ bis +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
○	1/4" NPT	DTSCNNN-1/4"	6-3	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNNN-3/8"	10-6	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNNN-1/2"	14-9	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNNN-3/4"	18-13	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNNN-1"	22-17	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNNN-11/4"	26-21	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNNN-11/2"	30-25	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNNN-2"	34-29	60.33	17	53/53	28-39	67	63.5

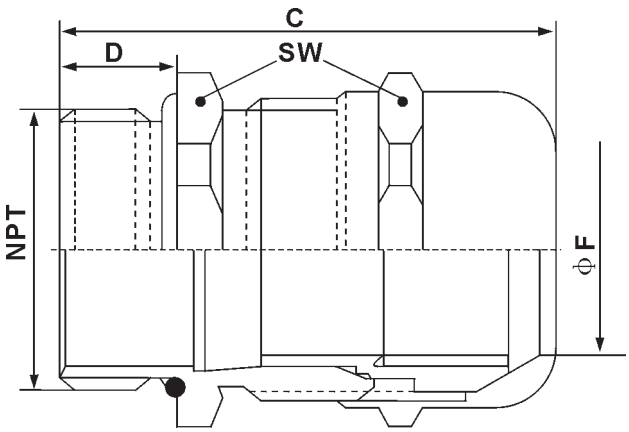
Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
⬮	1/4" NPT	DTSCNY2D-1/4"	3 - 2	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNY2D-3/8"	4 - 1.6	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNY2D-1/2"	6 - 2.5	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNY2D-3/4"	8.7 - 4.5	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNY2D-1"	11.3 - 5.5	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNY2D-11/4"	13.5 - 7	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNY2D-11/2"	15 - 9	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNY2D-2"	17 - 11	60.33	17	53/53	28-39	67	63.5

Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
⬮	1/4" NPT	DTSCNY3D-1/4"	3 - 2	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNY3D-3/8"	4 - 1.6	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNY3D-1/2"	5 - 2	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNY3D-3/4"	8 - 4	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNY3D-1"	10.7 - 5	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNY3D-11/4"	12.5 - 6	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNY3D-11/2"	13 - 8	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNY3D-2"	16 - 11	60.33	17	53/53	28-39	67	63.5

SPECIAL THREADS MADE OF BRASS

DTSCN

This product comes with NPT connection thread manufactured from high quality nickel-plated brass . It is practically the metal version of the standard nylon gland . It can be used on a wide range of applications and devices . It offers a reduced seal insert to allow it to be used on cables with much smaller diameters .



Technical Data	Temperature range	Protection class	Material
DTSCN	-30℃ bis +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
	1/4" NPT	DTSCNY4D-1/4"	3 - 2	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNY4D-3/8"	3 - 1.2	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNY4D-1/2"	4.5 - 2	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNY4D-3/4"	7 - 3.5	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNY4D-1"	9 - 4	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNY4D-11/4"	11 - 5.5	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNY4D-11/2"	12 - 7	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNY4D-2"	15 - 10	60.33	17	53/53	28-39	67	63.5

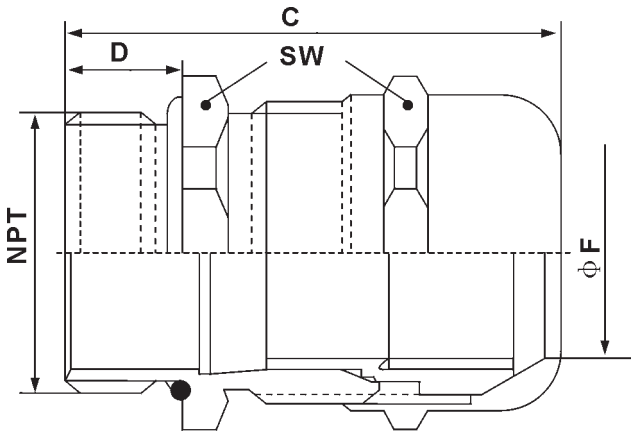
Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
	1/4" NPT	DTSCNY5D-1/4"	3 - 2	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNY5D-3/8"	2.5 - 1	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNY5D-1/2"	4.2 - 1.7	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNY5D-3/4"	6 - 3	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNY5D-1"	7 - 4.2	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNY5D-11/4"	9 - 5	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNY5D-11/2"	11 - 7	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNY5D-2"	13 - 8.5	60.33	17	53/53	28-39	67	63.5

Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
	1/4" NPT	DTSCNY6D-1/4"	2.5 - 1.5	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNY6D-3/8"	2 - 1	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNY6D-1/2"	3 - 1.2	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNY6D-3/4"	5.3 - 2.4	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNY6D-1"	7.5 - 4.7	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNY6D-11/4"	9 - 5	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNY6D-11/2"	11 - 6.5	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNY6D-2"	10.5 - 8	60.33	17	53/53	28-39	67	63.5

SPECIAL THREADS MADE OF BRASS

DTSCN

This product comes with NPT connection thread manufactured from high quality nickel-plated brass . It is practically the metal version of the standard nylon gland . It can be used on a wide range of applications and devices . It offers a reduced seal insert to allow it to be used on cables with much smaller diameters .



Technical Data	Temperature range	Protection class	Material
DTSCN	-30℃ bis +100℃	IP 68-5 bar	Body : Nickel-plated brass Insert : Polyamide Sealing Ring : Neoprene O-ring : Perbunan

Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
	1/4" NPT	DTSCNY7D-1/4"	2 - 1	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNY7D-3/8"	2.5 - 1	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNY7D-1/2"	3 - 1.2	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNY7D-3/4"	3.5 - 1.5	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNY7D-1"	4.7 - 3	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNY7D-11/4"	6.5 - 4	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNY7D-11/2"	8 - 5	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNY7D-2"	9.5 - 6	60.33	17	53/53	28-39	67	63.5

Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
	1/4" NPT	DTSCNY8D-1/4"	1.8 - 0.8	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNY8D-3/8"	2.3 - 1	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNY8D-1/2"	2.8 - 1	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNY8D-3/4"	3.5 - 1.5	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNY8D-1"	4.5 - 2.8	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNY8D-11/4"	5.7 - 3.5	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNY8D-11/2"	7 - 4	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNY8D-2"	8 - 5.5	60.33	17	53/53	28-39	67	63.5

Seal hole	Threaded Entry NPT	Cat . No	Cable Range ϕ	Thread O.D. NPT	Thread Length D	Spanner Size A & F	Clamping Rang mm	SW mm	C mm
	1/4" NPT	DTSCNLD-1/4"	2 - 1	13.7	15	17/17	1-5	16	36
	3/8" NPT	DTSCNLD-3/8"	4.5 - 3	17.1	15	22/22	2-7	20	39.7
	1/2" NPT	DTSCNLD-1/2"	6.5 - 4	21.3	15	27/27	5-10	24	42.5
	3/4" NPT	DTSCNLD-3/4"	9 - 5	26.6	15	33/33	6-13	29	44.5
	1" NPT	DTSCNLD-1"	11.5 - 7	33.4	15	38/38	7-15	36	49
	1 1/4" NPT	DTSCNLD-11/4"	13 - 8	43.2	17	43/43	15-23	45	57.5
	1 1/2" NPT	DTSCNLD-11/2"	15 - 10	48.3	17	48/48	22-29	54	61.5
	2" NPT	DTSCNLD-2"	16 - 11.5	60.33	17	53/53	28-39	67	63.5

Brass cable glands

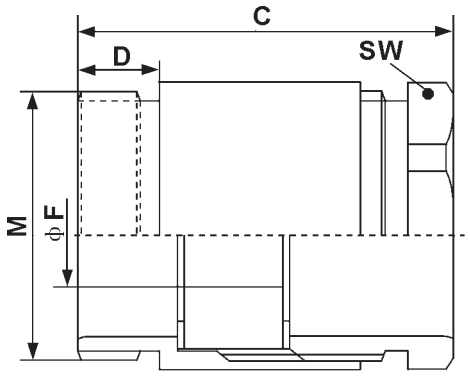
Metric connection thread

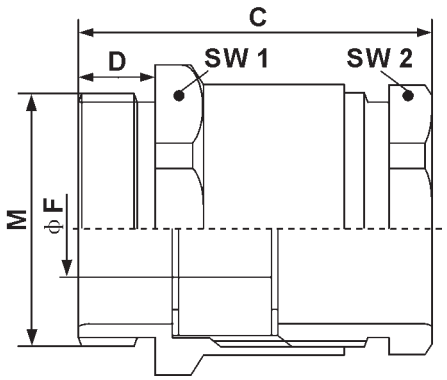
RASCM

This gland is made from brass , featuring a round adapter . It is made up of five parts , including a two-part nickel-plated brass body , rubber sealing ring , and two metal washers .

RBSCM

This gland is made from nickel-plated brass , featuring a hexagonal adapter . The hexagonal adapter makes assembly a breeze with a spanner .





Technical Data	Temperature range	Protection class	Material
RASCM RBSCM	-20℃ to +80℃	IP 54	Body : Nickel plated brass Sealing ring : Soft rubber

Connection thread M	Cat . No	Connection inner thread PG	Thread O.D. M	Thread Length D	Connection inner diameter F mm	Wrench Size mm	C mm	PU pieces
M12×1.5	RASCMNN-12	7	12	5	5	13	20.6	100
M16×1.5	RASCMNN-16	9	16	5	7	15	21.6	100
M20×1.5	RASCMNN-20	11	20	6	9	18	23.6	50
M25×1.5	RASCMNN-25	21	25	7	16	28	29.6	50
M32×1.5	RASCMNN-32	29	32	8	25	37	32.6	50
M40×1.5	RASCMNN-40	36	40	8	34	47	37.6	20
M50×1.5	RASCMNN-50	42	50	9	38	54	42.6	5
M63×1.5	RASCMNN-63	48	63	10	42	60	45.1	5

Connection thread M	Cat . No	Cable range ϕ	Function thread PG	Thread O.D. M	Thread Length D	Width F mm	Wrench Size 1/2 mm	C mm
M12×1.5	RBSCMNN-12	7-3.5	7	12	5	5	14/13	20.6
M16×1.5	RBSCMNN-16	10-6	9	16	5	7	18/15	21.6
M20×1.5	RBSCMNN-20	14-8.5	11	20	6	10	22/18	23.6
M25×1.5	RBSCMNN-25	18-12.5	21	25	7	18	30/28	29.6
M32×1.5	RBSCMNN-32	25-18	29	32	8	27	40/37	32.6
M40×1.5	RBSCMNN-40	32.5-24	36	40	8	34	50/47	37.6
M50×1.5	RBSCMNN-50	41-30	42	50	9	40	57/54	42.6
M63×1.5	RBSCMNN-63	51-40	48	63	10	44	66/60	45.1

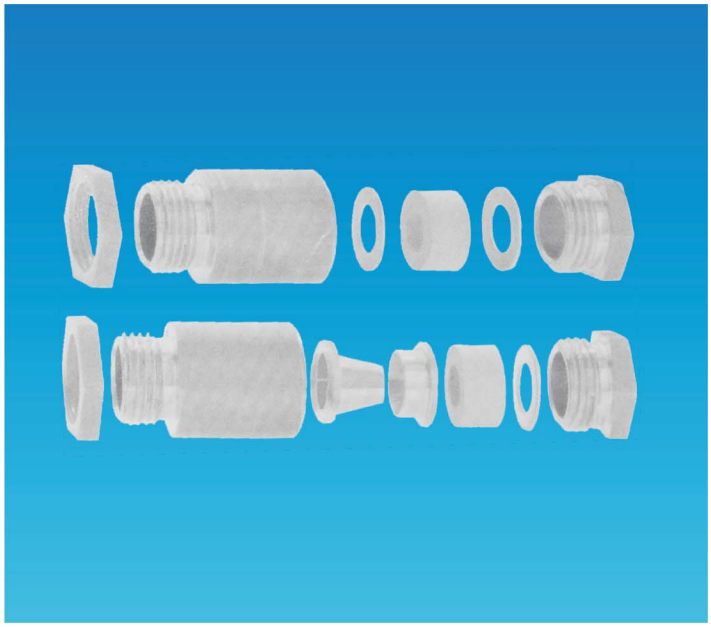
Metric connection thread

RCSCM

This gland is made form nickel-plated brass , featuring a hexagonal adapter .
It features a hexagonal adapter to aid the assembly , and a neoprene bushing formed from series of neoprene rings which allows this gland to accept a variety of cable sizes.

RDSCM

RDSCM is a range of brass cable glands by DIN 89280 with round adapter .
Two types are available :
1 , type " w " for unscreened cable .
2 , type " z " for screened cable .



Technical Data	Temperature range	Protection class	Material
RCSCM	-20℃ to +80℃	IP 54	Body : Nickel plated brass Sealing ring : Neoprene

Connection thread M	Cat . No	Cable range ϕ	Outer thread PG	Thread O.D. M	Thread Length D	Inner diameter of the brush	Spanner Size 1/2 SW mm	C mm
M16×1.5	RCSCMNN-16	10-6	9	16	5	7.5/10	18/15	21.6
M20×1.5	RCSCMNN-20	14-8.5	11	20	6	7.5/10/12.5	22/18	22.6
M25×1.5	RCSCMNN-25	18-12.5	21	25	7	10/13/16/19	30/28	29.6
M32×1.5	RCSCMNN-32	25-18	29	32	8	18/21/24/27	39/37	32.6
M40×1.5	RCSCMNN-40	32.5-24	36	40	8	24/27/30/33	50/47	37.6
M50×1.5	RCSCMNN-50	41-30	42	50	9	30/33/36/39	57/54	42.6
M63×1.5	RCSCMNN-63	51-40	48	63	10	36/39/42/45	66/60	45.1

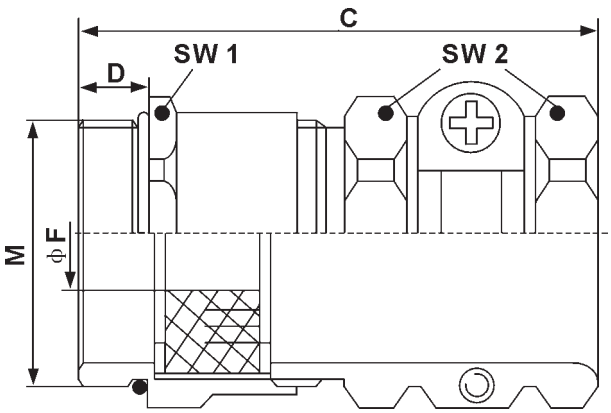
Cat . No .	Thread	Suitable for cable	SW mm
Type W			
RDSCMNN-18	M 18×1.5	7-8.5	19
RDSCMNN-24	M 24×1.5	7-8.5	24
RDSCMNN-30	M 30×2	16-18.5	30
RDSCMNN-45	M 45×2	26-28.5	46
RDSCMNN-56	M 56×2	32-35.5	55
RDSCMNN-72	M 72×2	41-44.5	70
RDSCMNN-80	M 80×2	56-59	85
RDSCMNN-105	M 105×2	68-73	104
Type Z			
RDSCMNN-18	M 18×1.5	7-8.5	19
RDSCMNN-24	M 24×1.5	7-8.5	24
RDSCMNN-30	M 30×2	16-18.5	30
RDSCMNN-36	M 36×2	20-22.5	36
RDSCMNN-45	M 45×2	26-28.5	46
RDSCMNN-56	M 56×2	32-35.5	55
RDSCMNN-72	M 72×2	41-44.5	70
RDSCMNN-80	M 80×2	56-59	85
RDSCMNN-105	M 105×2	68-73	104

Brass cable glands

Strain relief / bending protection

RESCM
RELCM

This gland comes with saddle clamp and adapter . It is made from nickel-plated brass , thus they are resistant to corrosion and seawater . The seal is consisted of neoprene ring and an O-ring fitted onto the connected thread . The brass saddle clamp allows effective strain relief .



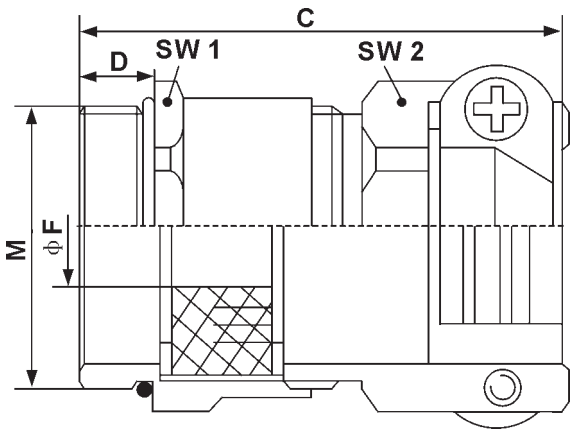
Technical Data	Temperature range	Protection class	Material
RESCM RELCM	-20℃ to +80℃	IP 55	Body : Nickel plated brass Sealing ring : Neoprene

Connection thread M	Cat . No	Clamping range F mm	Thread Length D	Inner thread PG	Spanner Size 1/2 SW mm	C mm
RESCM						
M12×1.5	RESCMNN-12	5.5-6.5	5	7	14/15	30
M16×1.5	RESCMNN-16	5-8	5	9	18/17	33
M20×1.5	RESCMNN-20	8-12	6	11	22/20	35
M25×1.5	RESCMNN-25	14-19.3	7	21	22/20	47
M32×1.5	RESCMNN-32	19-27	8	29	39/41	53
M40×1.5	RESCMNN-40	27-34	8	36	50/50	60
M50×1.5	RESCMNN-50	35-43	9	42	57/57	65
M63×1.5	RESCMNN-63	40-47.5	10	48	66/64	68
RELCM						
M12×1.5	RELCMNN-12	5.5-6.5	10	7	14/15	35
M16×1.5	RELCMNN-16	5-8	10	9	18/17	38
M20×1.5	RELCMNN-20	8-12	10	11	22/20	39
M25×1.5	RELCMNN-25	14-19.3	11	21	22/20	51

Strain relief / bending protection

RFSCM
RFLCM

This gland comes with saddle clamp and adapter . It comes with two brass braces for effective strain relief . The seal is consisted of neoprene ring and an O-ring fitted onto the connected thread . A wide clamping range is allowed by an arrangement of braces .



Technical Data	Temperature range	Protection class	Material
RFSCM	-20℃ to +80℃	IP 55	Body : Nickel plated brass Sealing ring : Neoprene
RFLCM			

Connection thread M	Cat . No	Clamping range F mm	Thread Length D	Inner thread PG	Spanner Size 1/2 SW mm	C mm
RFSCM						
M16×1.5	RFSCMNN-16	5-8	5	9	18/17	29
M20×1.5	RFSCMNN-20	7-12	6	11	22/20	30
M25×1.5	RFSCMNN-25	16-19.3	7	21	30/30	41.0
M32×1.5	RFSCMNN-32	19-27	8	29	40/40	46.0
RFLCM						
M16×1.5	RFLCMNN-16	5-8	10	9	18/17	34.0
M20×1.5	RFLCMNN-20	7-12	10	11	22/20	34.0
M25×1.5	RFLCMNN-25	16-19.3	11	21	30/30	45.0
M32×1.5	RFLCMNN-32	19-27	13	21	40/40	51.0

Brass cable glands

Strain relief / bending protection

RGSCM

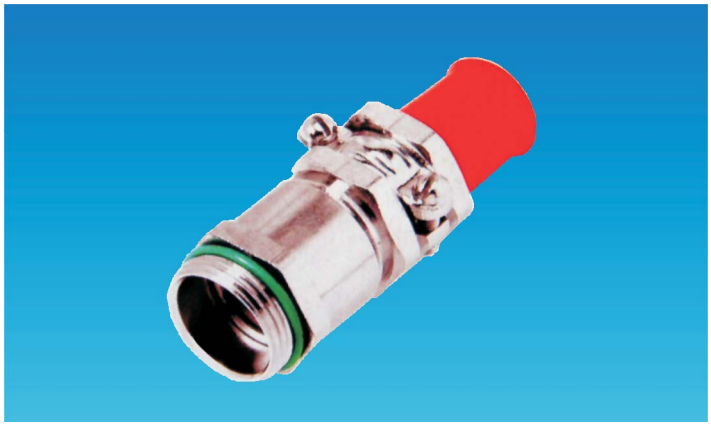
with strain relief antikink for round cables

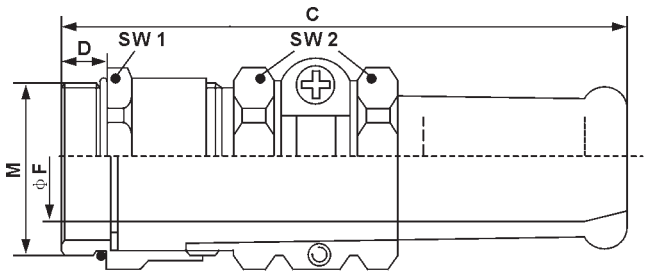
An extremely rough and in many applications proved special cable gland . The neoprene bush fulfils two functions : antikink and high protection class due to the insert sealing . The nickel-plated brass offers a good strain relief .RGSCM is resistant against corrosion and seawater .

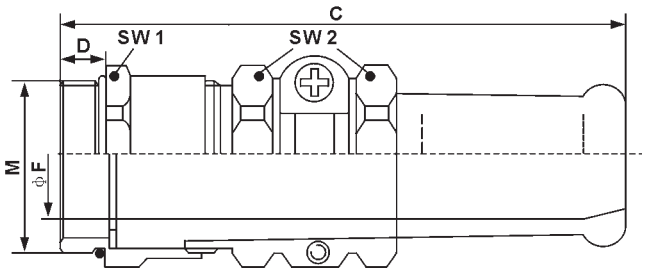
RHSCM

with strain relief and antikink for round cables

The Viton nozzles in the RHSCM are resistant against oils , solvents and chemicals at high temperatures . Our own reinforced acid-resistant Viton receptacle is especially suitable for machine and turbine manufacture . Temperatures up to 165℃ do not result in aging effect after a long period . In addition , the nozzle seal and antikink offers higher protection . The large brass brace provides for good strain relief . The cable gland is resistant against corrosion and sea water







Technical Data	Temperature range	Protection class	Material
RGSCM	-20℃ to +80℃	IP 55	Body : Nickel plated brass Sealing ring : Neoprene

Connection thread M	Cat . No	Clamping range F mm	Function thread PG	Thread Length D	Width seal	Spanner Size 1/2 SW mm	C mm
M12×1.5	RGSCMNN-12	4-5	7	5	5	14/15	49.0
M16×1.5	RGSCMNN-16	5.5-7	9	5	7	18/17	50.0
M20×1.5	RGSCMNN-20	5.5-7	11	6	7	22/20	55.0
M25×1.5	RGSCMNN-25	12.5-15	21	7	15	30/30	78.5
M32×1.5	RGSCMNN-32	19-20	29	8	20	40/41	90.5
M40×1.5	RGSCMNN-40	24-26	36	8	26	50/50	108.5
M50×1.5	RGSCMNN-50	31-34.5	42	9	35	57/57	111.0
M63×1.5	RGSCMNN-63	32-40	48	10	40	66/64	118.0

Technical Data	Temperature range	Protection class	Material
RHSCM	-15℃ to +165℃	IP 65	Metal parts : Nickel plated brass O-Sealing ring : Viton antikink : Viton

Connection thread M	Cat . No	Clamping range F mm	Function thread PG	Thread Length D	Seal width	Spanner Size 1/2 SW mm	C mm
M20×1.5	RHSCMNN-20	5.5-7.0	11	6	7	22/20	56.0
M25×1.5	RHSCMNN-25	13.5-15.0	21	7	15	30/30	79.0

EMC / EARTHING

RISCM

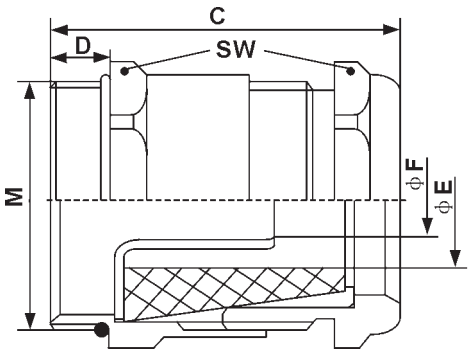
with earthing bush and sealing cone

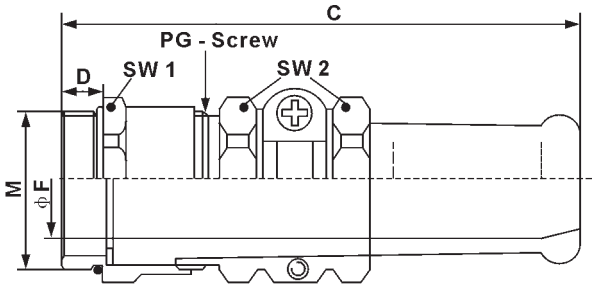
Simple and skilled earthing of screened cables .The neoprene sealing cone prevents dust , moisture and oil from entering . The allocation of the cable takes place
1 . according to the brass earthing hat .
2 . according to the sealing cone .
3 . according to the connection thread of the gland .On optimum adaptation of the RISCM on the existing cable , a protection type of IP 68 can be obtained .

RJSCM

With earthing bush , strain relief and seal with bending protection

Special gland for earthing , designed by technical and economical aspects :
---optimal earthing
---perfect sealing with antikink
---considerable strain relief
---easy to assemble





Technical Data	Temperature range	Protection class	Material
RISCM	-20℃ to +80℃	IP 65 - IP 68	Body : Nickel plated brass Earthing brush : Brass Cone : Neoprene O-ring : Perbunan

Connection thread M	Cat . No	Clamping range F to suit inner sheath dia mm	Inner thread PG	Inner diameter earthing bush	C mm	D mm	Inner diameter width sealing cone	Clamping range F to suit outer sheat dia mm	Wrench Size SW mm
M16×1.5	RISCMNN-16	2.20-3.11	9	3.2	26.5	5	6	4.5-5.8	14/17
M20×1.5	RISCMNN-20	3.50-4.52	11	4.5	31.0	6	7	3.0-6.8	22/20
M25×1.5	RISCMNN-25	10-12.15	21	12	39.0	7	16	13-15.8	30/30
M32×1.5	RISCMNN-32	15-17.02	29	17	45.5	8	22	19-21.8	30/30

Technical Data	Temperature range	Protection class	Material
RJSCM	-20℃ to +80℃	IP 65	Body : Nickel plated brass Earthing brush : Brass Bush : Neoprene O-ring : Perbunan

Connection thread M	Cat . No	Clamping range F to suit inner sheath dia mm	Inner thread PG	Inner diameter earthing bush	C mm	D mm	Inner diameter bush	Clamping range F to suit outer sheat dia mm	Wrench Size SW mm
M20×1.5	RJSCMNN-20	4.5-6.5	13.5	6	59.5	6	9	7.5-9.0	22/22
M25×1.5	RJSCMNN-25	10.0-12.5	21	12	78.0	7	15	13.5-15.0	30/30
M32×1.5	RJSCMNN-32	15.0-17.5	29	17	90.0	8	20	14.0-20.0	40/40
M40×1.5	RJSCMNN-40	20.0-23.0	36	22	108.0	8	26	17.0-26.0	50/50

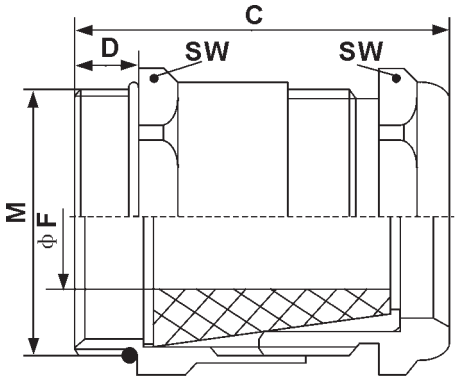
SPECIAL SEALINGS

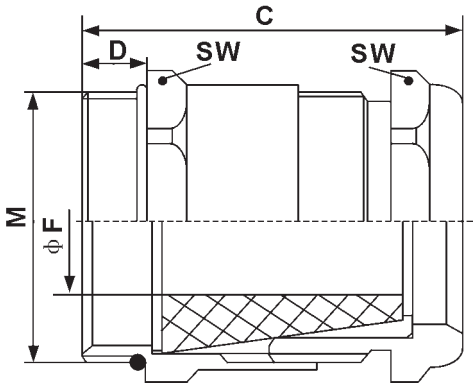
RKSCM

This gland comes with a conical seal , and is waterproof up to around 10 bars of pressure . The seal element is pulled through the entire gland , providing great resistant to compression and good strain relief .

RLSCM

with sealing cone of viton , pressuried water-proof 10 bar
Pressurized water-proof special gland for highest quality requirements . The conical special seal of Viton ensures an extended sealing . Thus an excellent compression strength and strain relief is achieved . The Viton sealing cone is resistant against bio oils , solvents ,chemicals at increased temperatures up to 200℃ .





Technical Data	Temperature range	Protection class	Material
RKSCM RLSCM	-20℃ to +80℃ -15℃ to +200℃	IP 68 - 10 bar	Body : Nickel plated brass Bush : Neoprene O-ring : Perbunan

Connection thread M	Cat . No	Inner thread PG	Inner diameter sealing cone	C mm	D mm	Clamping range F mm	Wrench Size 1/2 SW mm	Packing unit (pieces)
M12×1.5	RKSCMNN-12	7	5	26.0	5	3.0-4.8	14/14	50
M16×1.5	RKSCMNN-16	9	6	26.5	5	4.5-5.8	18/17	50
M20×1.5	RKSCMNN-20	11	7	31.0	6	6.0-6.8	22/20	25
M25×1.5	RKSCMNN-25	21	16	38.5	7	13.5-15.8	30/30	25
M32×1.5	RKSCMNN-32	29	22	42.5	8	17.5-21.8	40/40	10

Connection thread M	Cat . No	Inner thread PG	Inner diameter sealing cone	C mm	D mm	Clamping range F mm	Packing unit (pieces)	Wrench Size 1/2 SW mm
M12×1.5	RLSCMNN-12	7	5	26.0	5	3.5-4.5	50	14/14
M16×1.5	RLSCMNN-16	9	6	27.5	5	4.0-5.5	50	18/17
M20×1.5	RLSCMNN-20	11	7	31.0	6	5.5-6.5	25	22/20
M25×1.5	RLSCMNN-25	21	18	38.0	7	15.0-17.0	25	30/30
M32×1.5	RLSCMNN-32	29	22	44.5	8	19.5-20.5	10	40/40

SPECIAL SEALINGS

RMSCM

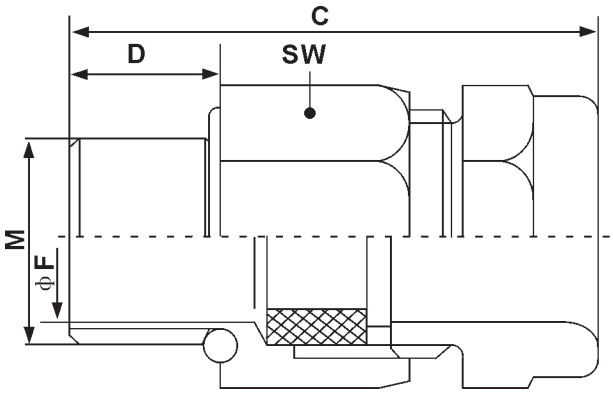
Brass mini cable gland

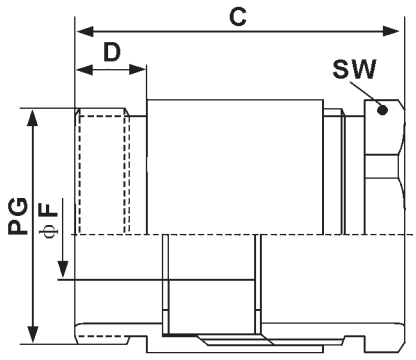
To be used wherever there is less assembly space and for secure counting of cables (IP 68) with small cable diameters . Owing to the special design , cables with a diameter from 2.0 to 5.5 mm can be mounted with only two gland sizes .

PG CONNECTION THREAD

RASCP

This connection thread is made of brass , featuring a round extension . It is consisted of 5 parts , including a two-part gland body , a neoprene sealing part , and two washers .





Technical Data	Temperature range	Protection class	Material
RMSCM RASCP	-30℃ to +80℃ -20℃ to +100℃	IP 68 IP 54	Body : Nickel plated brass Seal insert : Neoprene

Connection thread M	Cat . No	C mm	D mm	Clamping range F mm	Wrench Size 1/2 SW mm	Packing unit (pieces)
M 6×1	RMSCMNN-6	19.5	5	2-3	9	50
M 8×1	RMSCMNN-8	20.5	5	3.5-5.5	11	50

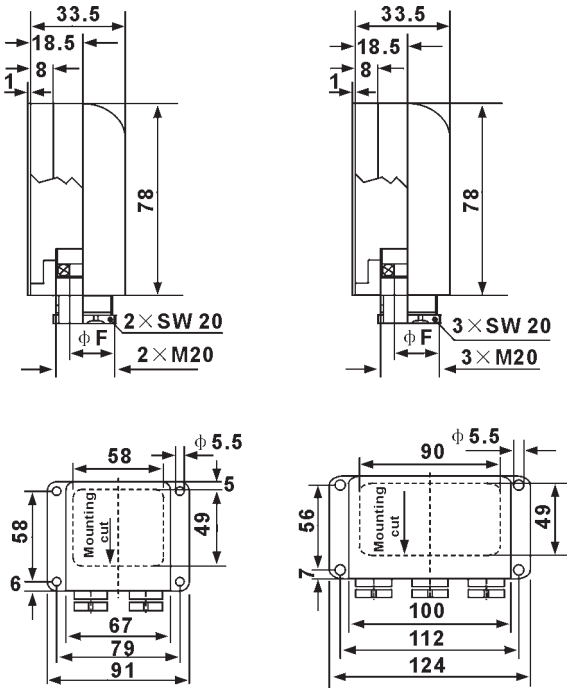
Connection thread PG	Cat . No	ϕF	Wrench size 1 / 2 mm	D mm	C mm	Packing unit (pieces)
7	RASCPNN-7	5	13	5	20.6	100
9	RASCPNN-9	7	15	6	22.6	100
11	RASCPNN-11	9	18	6	23.6	50
13.5	RASCPNN-13.5	11	20	6.5	25.6	50
16	RASCPNN-16	13	22	7	26.6	50
21	RASCPNN-21	16	28	7	29.6	50
29	RASCPNN-29	25	37	8	32.6	50
36	RASCPNN-36	34	47	9	38.6	20
42	RASCPNN-42	38	54	10	43.6	10
48	RASCPNN-48	42	60	10	45.1	10

Brass cable glands

ANGLE

RUHCM

This product features a low profile, allowing its use in confined spaces . It accepts two or three cables , while still remain impermeable to water and oil . The cables would then be lead through a single opening . It provides very secure protection even with its low profile design and in confined spaces . It can be combined with many special glands , and the protection class would depend on the gland it is being used in conjunction with . However , the standard design is at least IP 55 .



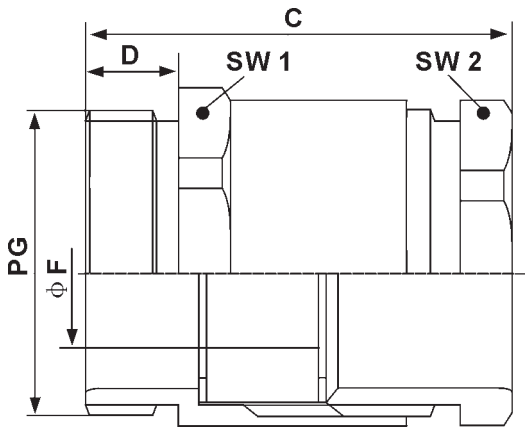
Technical Data	Temperature range	Protection class	Material
RUHCM	-20℃ to +80℃	IP 55	Compression screw : Nickel - plated brass Incision sealing ring : Neoprene (CR) O - ring : Perbunan (NBR)

Size M	Cat . No	Drills for indented seal ring	Packing unit (pieces)
20×1.5	RUHCMNN -20	2×4/7/10/13	1
32×1.5	RUHCMNN -32	3×4/7/10/13	1

PG CONNECTION THREAD

RBSCP

This connection thread is made of brass , and features a hexagonal converter . It allows easy assembly with a spanner .



RCSCP

Made of brass , hexagonal

Metal gland for general use , but with a pre-cut sealing ring . Its indentations make it possible for the sealing ring to adapt itself to the particular cable diameter . In this way fewer PG sizes are required . An advantage for your storage . The gland complies with DIN 46320 . The sizes PG 11 to PG 36 are also available if required with Viton pre-cut sealing rings . Viton is a particularly suitable material for long term use in corrosive environments in the rang up to + 165 ℃ . Applications include for example , nuclear power stations , machinery and turbine manufacture .

Technical Data	Temperature range	Protection class	Material
RBSCP RCSCP	-20℃ to +100℃ -20℃ to +80℃	IP 54	Body : Nickel plated brass Sealing ring : Neoprene

Connection thread PG	Cat . No	Cable range ϕ	Wrench Size 1/2 mm	D mm	F mm	C mm	Packing unit (pieces)
7	RBSCPNN-7	7-3.5	14/13	5	5	20.6	100
9	RBSCPNN-9	10-6	17/15	6	7	22.6	100
11	RBSCPNN-11	14-8.5	20/18	6	10	23.6	50
13.5	RBSCPNN-13.5	14-8.5	22/20	6.5	11	26.1	50
16	RBSCPNN-16	14-8.5	24/22	6.5	13	27.1	50
21	RBSCPNN-21	18-12.5	30/28	7	18	29.6	50
29	RBSCPNN-29	25-18	40/37	8	27	32.6	50
36	RBSCPNN-36	32.5-24	50/47	9	34	38.6	20
42	RBSCPNN-42	41-30	57/54	10	40	43.6	10
48	RBSCPNN-48	51-40	64/60	10	44	45.1	10

Connection thread PG	Cat . No	Cable range ϕ	Holes in the incision sealing ring mm	D mm	Wrench Size mm	C mm	Packing unit (pieces)
9	RCSCPNN-9	10-6	7.5/10	6	17/15	22.6	100
11	RCSCPNN-11	14-8.5	7.5/10/12.5	6	20/18	22.6	50
13.5	RCSCPNN-13.5	14-8.5	7.5/10/12.5	6.5	22/20	26.1	50
16	RCSCPNN-16	14-8.5	7.5/10/12.5/15	6.5	24/22	27.1	50
21	RCSCPNN-21	18-12.5	10/13/16/19	7	30/28	29.6	50
29	RCSCPNN-29	25-18	18/21/24/27	8	40/37	32.6	50
36	RCSCPNN-36	32.5-24	24/27/30/33	9	50/47	38.6	20
42	RCSCPNN-42	41-30	30/33/36/39	10	57/54	43.6	10
48	RCSCPNN-48	51-40	36/39/42/45	10	64/60	45.1	10

Brass cable glands

Flat cable connection thread

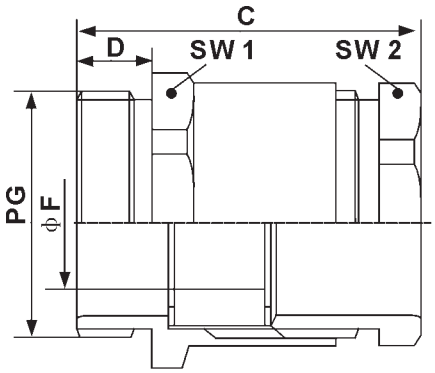
ROSCP

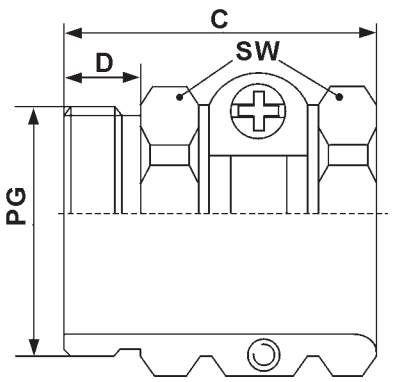
This flat cable gland features a specially designed sealing lip that fits automatically around various cable dimensions . This allows it to be used with different cable dimension . It needs one seal for each PG-size. Fitting two flat cables per gland is possible . It is consisted of an upper and lower part with the special sealing insert , and two compression washer .

Strain relief / bending protection

RPSCP

This cable gland comes with a strain-relieving bracket , providing effective strain relieve . It was designed and manufactured to be robust and reliable . All parts are made from nickel-plated brass , and are resistant to corrosion and seawater .





Technical Data	Temperature range	Protection class	Material
ROSCP	-20℃ to +100℃	IP 54	Body : Nickel plated brass
RPSCP	-20℃ to +80℃	IP 20	

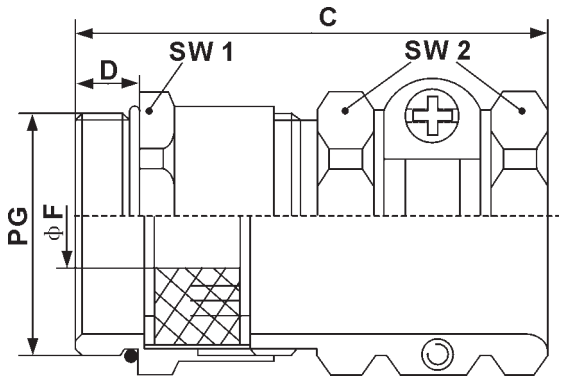
Connection thread PG	Cat . No	Cable thickness min / max	Suitable for flat cable with min . / max .	D mm	Wrench size mm	C mm	Packing unit (pieces)
16	ROSCPNN-16	- / 5	- / 15	6.5	24/22	27.5	25
21	ROSCPNN-21	3 / 8	9/21	7	30/28	30	25
29	ROSCPNN-29	4 / 11.5	14/30	8	40/37	31.5	10
36	ROSCPNN-36	4 / 11.5	24/40	9	50/47	36	10
42	ROSCPNN-42	5 / 12	29/45	10	57/54	40	5
48	ROSCPNN-48	5 / 12	34/50	10	64/60	41.5	5

Connection thread PG	Cat . No	Clamping range F mm	D mm	Maximum assembly diameter mm	Wrench Size 1/2 mm	C mm
7	RPSCPNN - 7	8-10	5.5	22	15	17.5
9	RPSCPNN - 9	10-12.5	6	25	17	20.5
11	RPSCPNN - 11	11-15	6	28	20	21.5
13.5	RPSCPNN - 13.5	14-16.5	7.5	32	22	24
16	RPSCPNN - 16	15-18	7.5	35	24	26
21	RPSCPNN - 21	18-23.5	8	46	30	29
29	RPSCPNN - 29	23-31	8	58	41	33
36	RPSCPNN - 36	29-40.5	9.5	70	50	36.5
42	RPSCPNN - 42	34-45	10	78	57	38
48	RPSCPNN - 48	39-50	11.5	86	64	39.5

Strain relief / bending protection

RESCP RELCP

This gland comes with an extended center section , making it possible to extend its field of application for higher protection class . The seal is a sealing ring made from neoprene and a O-ring fitted to the connecting thread . It is manufactured to be robust and reliable . All parts are made from nickle-plated brass , and are resistant to corrosion and seawater .



Technical Data	Temperature range	Protection class	Material
RESCP	-20℃ to +80℃	IP 55	Body : Nickel plated brass Sealing ring : Neoprene O-ring : Perbunan
RELCP			

Connection thread PG	Cat . No	Clamping range F mm	D mm	Max assembly diameter mm	Wrench Size 1/2 mm	C mm
RESCP						
7	RESCPNN-7	5-6	5	21	14/15	30
9	RESCPNN-9	7.5-8.5	6	25	17/17	34
11	RESCPNN-11	9.5-12	6	28	20/20	35
13.5	RESCPNN-13.5	12.5-14	6.5	32	22/22	40
16	RESCPNN-16	13.5-16	6.5	35	24/24	42
21	RESCPNN-21	15.5-21	7	46	30/30	47
29	RESCPNN-29	21.5-27.5	8	58	40/41	53
36	RESCPNN-36	27-34	9	70	50/50	61
42	RESCPNN-42	34-43	10	78	57/57	66
48	RESCPNN-48	38-48	10	86	64/64	68
RELCP						
7	RELCPNN-7	5-6	15	21	14/15	40
9	RELCPNN-9	7.5-8.5	15	25	17/17	43
11	RELCPNN-11	9.5-12	15	28	20/20	44
13.5	RELCPNN-13.5	12.5-14	15	32	22/22	48.5
16	RELCPNN-16	13.5-16	15	35	24/24	50.5
21	RELCPNN-21	15.5-21	15	46	30/30	55
29	RELCPNN-29	21.5-27.5	15	58	40/41	60
36	RELCPNN-36	27-34	15	70	50/50	67
42	RELCPNN-42	34-43	15	78	57/57	71
48	RELCPNN-48	38-48	15	86	64/64	73

Brass cable glands

Strain relief / bending protection

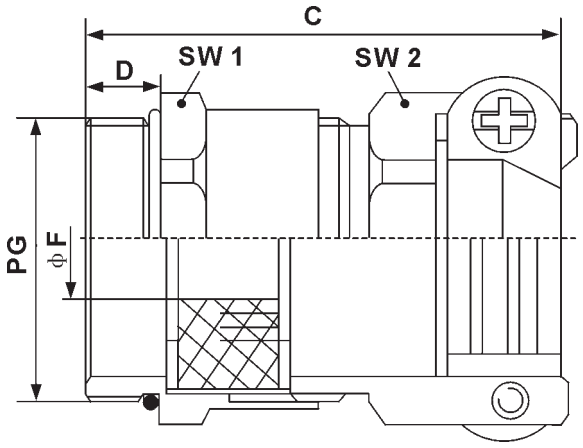
RFSCP

With double bracket and converter

Cable gland with 3-fold use ---certain strain relief 、 wider clamping range 、 additional seal .This RFSCP screw type cable gland is equipped with two solid brass clamping brackets ,which guarantee reliable strain relief . It has an additional converter and achieves the IP 55 protection type . Sealed with a precut sealing ring made of neoprene and the perbunan O-seal ring attached to the connection thread . For use in control panel , plugs and switches .

RFLCP

We also offer RFLCP with a 15 mm connection thread .



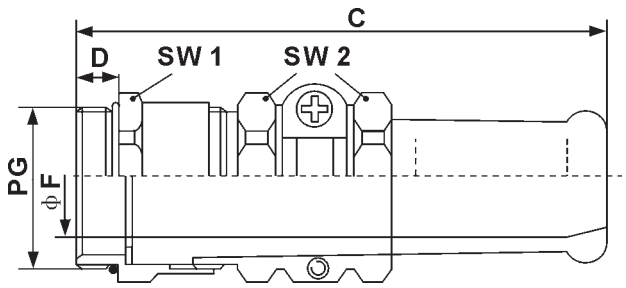
Technical Data	Temperature range	Protection class	Material
RFSCP RFLCP	-20℃ to +80℃	IP 55	Body : Nickel plated brass Sealing ring : Neoprene O-ring : Perbunan

Connection thread PG	Cat . No	Clamping range F mm	D mm	Max assembly diameter mm	Wrench Size 1/2 mm	C mm	Packing unit (pieces)
RFSCP							
9	RFSCPNN-9	6-8.5	6	24	17/17	30	50
11	RFSCPNN-11	8-12	6	27	20/21	30	50
13.5	RFSCPNN-13.5	12-14	6.5	30	22/22	34	25
16	RFSCPNN-16	13-16	6.5	33	24/24	35	25
21	RFSCPNN-21	15-21	7	42	30/30	41	25
29	RFSCPNN-29	20-27.5	8	58	40/41	46	10
RFLCP							
9	RFLCPNN-9	6-8.5	15	24	17/17	39	50
11	RFLCPNN-11	8-12	15	27	20/21	39	50
13.5	RFLCPNN-13.5	12-14	15	30	22/22	42.5	25
16	RFLCPNN-16	13-16	15	33	24/24	43.5	25
21	RFLCPNN-21	15-21	15	42	30/30	49	25
29	RFLCPNN-29	20-27.5	15	58	40/41	53	10

Strain relief / bending protection

RGSCP

This gland is extremely robust and is suitable for a wide variety of applications . The neoprene bushing is a good seal device , and gives it a good bending protection , giving it a high protection class . The strain relief is provided by the brass clamping device . This cable gland is resistant to corrosion and seawater .



Technical Data	Temperature range	Protection class	Material
RGSCP	-20℃ to +80℃	IP 65	Metal parts : Nickel plated brass O ring : Perbunan Bending protection : Neoprene flame resistant

Connection thread PG	Cat . No	Clamping range F mm	D mm	Max assembly diameter mm	Wrench Size 1/2 mm	C mm	Packing unit (pieces)
7/5	RGSCPNN-7/5	3.5-5	5	23	14/15	50	50
9/7	RGSCPNN-9/7	5.5-7	6	25	17/17	52	50
11/7	RGSCPNN-11/7	5.5-7	6	28	20/20	56	25
11/9	RGSCPNN-11/9	7.5-9	6	28	20/20	56	25
13/9	RGSCPNN-13/9	7.5-9	6.5	32	22/22	62	25
13/11	RGSCPNN-13/11	9-11	6.5	32	22/22	62	25
13/13	RGSCPNN-13/13	11-13	6.5	32	22/22	62	25
16/13	RGSCPNN-16/13	11.5-13	6.5	35	24/24	67	25
16/15	RGSCPNN-16/15	13-15	6.5	35	24/24	67	25
21/15	RGSCPNN-21/15	13.5-15	7	46	30/30	79	25
21/17	RGSCPNN-21/17	15-17	7	46	30/30	79	25
21/19	RGSCPNN-21/19	17-19	7	46	30/30	79	25
21/20	RGSCPNN-21/20	18-20	7	46	30/30	79	25
29/20	RGSCPNN-29/20	18-20	8	59	40/41	91	10
29/23	RGSCPNN-29/23	21-23	8	59	40/41	91	10
29/25	RGSCPNN-29/25	23-25	8	59	40/41	91	10
36/26	RGSCPNN-36/26	23-26	9	70	50/50	110	5
36/30	RGSCPNN-36/30	27-30	9	70	50/50	110	5
36/33	RGSCPNN-36/33	30-33	9	70	50/50	110	5
36/35	RGSCPNN-36/35	32-35	9	70	50/50	110	5
42/35	RGSCPNN-42/35	32-35	10	75	57/57	114	5
42/38	RGSCPNN-42/38	35-38	10	75	57/57	114	5
42/40	RGSCPNN-42/40	36-40	10	75	57/57	114	5
48/40	RGSCPNN-48/40	36-40	10	83	64/64	119	1
48/44	RGSCPNN-48/44	40-44	10	83	64/64	119	1

Brass cable glands

Strain relief / bending protection

RHSCP

with strain relief and protection for round cables RHSCP special cable glands are extremely robust and have proved themselves in thousands of applications . The Viton sleeve is extraordinarily resistant to oils , solvents and chemicals at high temperatures . Our specially developed Viton formulation with increased acid resistance is therefore particularly suitable for use in machine and turbine construction and in nuclear power stations . Even in the long , temperatures up to +165℃ have no ageing effect on the mechanical properties . These glands also provide sealing and bending protection , together with a high protection class . The strain relief is provided by the solid brass clamping shackle . The cable gland is resistant to corrosion and to seawater .

EMC / Earthing

RQSCP

with conical clamping ring ERKO
Assembly instructions :
Remove the braiding . Slide the compression screw over the cable end , bend the braiding at right angles upwards by about 4 to 6 mm and cut off all round . Place the two-part-conical damping ring around the braiding and hold it against the braiding with the compression screw .Working from the cable end , push the washer , the neoprene recessed sealing ring and the lower part against the conical ring and compression screw and screw them firmly together .

Technical Data	Temperature range	Protection class	Material
RHSCP	-15℃ to +165℃	IP 65	Body : Nickel plated brass Sealing ring : Neoprene O-ring : Perbunan
RQSCP	-20℃ to +80℃		

Connection thread PG	Cat . No	Clamping range F mm	Maximum assembly diameter mm	D mm	Wrench Size 1/2 mm	C mm	Packing unit (pieces)
11/07	RHSCPNN-11/07	5.5-7.0	28	6	20/20	56.0	25
11/09	RHSCPNN-11/09	7.5-9.0	28	6	20/20	56.0	25
13/09	RHSCPNN-13/09	7.5-9.0	32	6.5	22/22	62	25
13/11	RHSCPNN-13/11	9-11.0	32	6.5	22/22	62	25
13/13	RHSCPNN-13/13	11-13.0	32	6.5	22/22	62	25
16/13	RHSCPNN-16/13	11.5-13.0	35	6.5	24/24	67	10
16/15	RHSCPNN-16/15	13-15.0	35	6.5	24/24	67	10
21/15	RHSCPNN-21/15	13.5-15.0	40	7	30/30	79.0	10
21/17	RHSCPNN-21/17	15-17.0	46	7	30/30	79.0	10
21/19	RHSCPNN-21/19	17-19.0	46	7	30/30	79.0	10

Connection thread PG	Cat . No	Clamping range diameter over braiding mm	C mm	D mm	Wrench Size 1/2 mm	Packing unit (pieces)
11	RQSCPNN-11	7-8	25.3	5.5	20	25
13.5	RQSCPNN-13.5	10.1-11	26.3	6	22	25
16	RQSCPNN-16	14.1-15	28.0	6	24	25
21	RQSCPNN-21	17.1-18	30.5	7	30	10
29	RQSCPNN-29	22.1-23	33.3	8	40	10

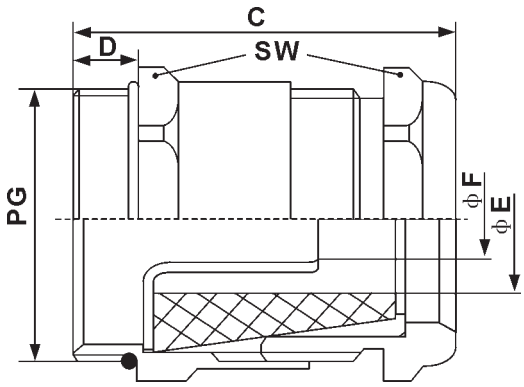
EMC / EARTHING

RISCP

This gland comes with earthing bush and conical seal . It allows screened cables to be earthed in a simple manner . The conical seal keeps out dust , moisture , and grease . With a correctly matched cable , protection class of IP 68 can be attained . There are a few things to watch for :

1. The diameter of the inner sheath of the cable should be matched to be opening of the earthing bush .
2. The diameter of the outer sheath of the cable should be matched to the opening of the conical seal .

Please refer to the following table for the matching of the glands to cables .



Technical Data	Temperature range	Protection class	Material
RISCP	-20℃ to +80℃	IP 65 - IP 68	Body : Nickel plated brass Earthing brush : Bright Brass Cone : Neoprene O-ring : Perbunan

Type / Size	Cat . No	Inner sheath ϕ mm min . / max .	Outer sheath ϕ mm min . / max .	C mm	D mm	Wrench Size mm
9/9/6/3.2	RISCPNN-9/9/6/3.2	2.2/3.2	4/5.8	28.5	6	17
9/9/7/3.2	RISCPNN-9/9/7/3.2	2.2/3.2	5/6.8	28.5	6	17
9/9/6/3.6	RISCPNN-9/9/6/3.6	2.6/3.6	4/5.8	28.5	6	17
9/9/7/3.6	RISCPNN-9/9/7/3.6	2.6/3.6	5/6.8	28.5	6	17
11/11/9/4.5	RISCPNN-11/11/9/4.5	3.5/4.5	5/6.8	31	6	20
11/11/9/4.5	RISCPNN-11/11/9/4.5	3.5/4.5	6.8/8.8	31	6	20
13.5/9/9/5	RISCPNN-13.5/9/9/5	3.5/5	6.8/8.8	32.5	5.5	22
13.5/11/9/5	RISCPNN-13.5/11/9/5	3.5/5	6.8/8.8	32.5	5.5	22
13.5/13.5/9/5	RISCPNN-13.5/13.5/9/5	3.5/5	6.8/8.8	37	6	22
13.5/9/9/6	RISCPNN-13.5/9/9/6	4.5/6	6.8/8.8	32.5	5.5	22
13.5/11/9/6	RISCPNN-13.5/11/9/6	4.5/6	6.8/8.8	32.5	5.5	22
13.5/13.5/9/6	RISCPNN-13.5/13.5/9/6	4.5/6	6.8/8.8	37	6	22
13.5/9/11/7	RISCPNN-13.5/9/11/7	5.5/7	8.5/10.8	32.5	5.5	22
13.5/11/11/7	RISCPNN-13.5/11/11/7	5.5/7	8.5/10.8	32.5	5.5	22
13.5/13.5/11/7	RISCPNN-13.5/13.5/11/7	5.5/7	8.5/10.8	37	6	22
16/11/11/8	RISCPNN-16/11/11/8	6/8	8.5/10.8	35	5.5	24
16/13.5/11/8	RISCPNN-16/13.5/11/8	6/8	8.5/10.8	35.5	6	24
16/16/11/8	RISCPNN-16/16/11/8	6/8	8.5/10.8	37.5	6	24
16/11/13/9	RISCPNN-16/11/13/9	7/9	10.8/12.8	35	5.5	24
16/13.5/13/9	RISCPNN-16/13.5/13/9	7/9	10.8/12.8	35.5	6	24
16/16/13/9	RISCPNN-16/16/13/9	7/9	10.8/12.8	37.5	6	24
16/11/13/10	RISCPNN-16/11/13/10	8/10	10.8/12.8	35	5.5	24

Brass cable glands

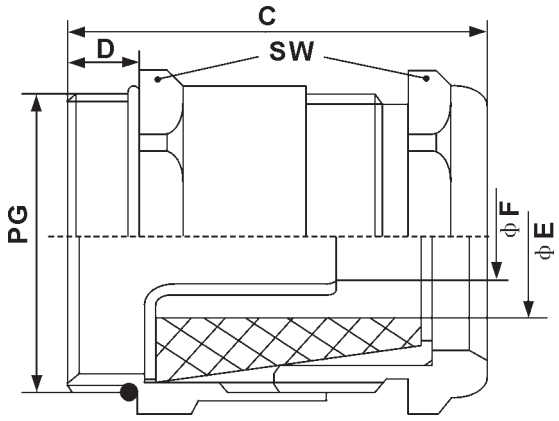
EMC / EARTHING

RISCP

This gland comes with earthing bush and conical seal . It allows screened cables to be earthed in a simple manner . The conical seal keeps out dust , moisture , and grease . With a correctly matched cable , protection class of IP 68 can be attained . There are a few things to watch for :

1. The diameter of the inner sheath of the cable should be matched to be opening of the earthing bush .
2. The diameter of the outer sheath of the cable should be matched to the opening of the conical seal .

Please refer to the following table for the matching of the glands to cables .



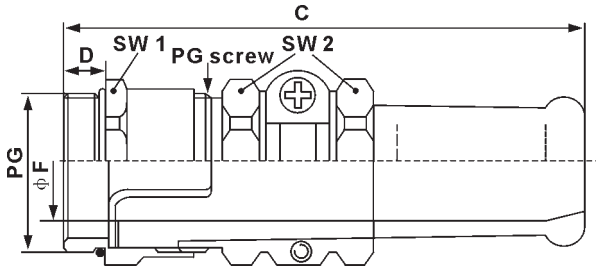
Technical Data	Temperature range	Protection class	Material
RISCP	-20℃ to +80℃	IP 65 - IP 68	Body : Nickel plated brass Earthing brush : Bright Brass Cone : Neoprene O-ring : Perbunan

Type / Size	Cat . No	Inner sheath ϕ mm min . / max .	Outer sheath ϕ mm min . / max .	C mm	D mm	Wrench Size mm
16/13.5/13/10	RISCPNN-16/13.5/13/10	8/10	10.8/12.8	35	5.5	24
16/16/13/10	RISCPNN-16/16/13/10	8/10	10.8/12.8	35.5	6	24
16/11/15/11	RISCPNN-16/11/15/11	8/10	10.8/12.8	37.5	6	24
16/13.5/15/11	RISCPNN-16/13.5/15/11	9/11	12/14.8	35	5.5	24
16/16/15/11	RISCPNN-16/16/15/11	9/11	12/14.8	35.5	6	24
21/16/16/12	RISCPNN-21/16/16/12	9/11	12/14.8	37.5	6	24
21/21/16/12	RISCPNN-21/21/16/12	10/12	14/15.8	38.5	6.5	30
21/16/16/13	RISCPNN-21/16/16/13	10/12	14/15.8	43.5	7	30
21/21/16/13	RISCPNN-21/21/16/13	11/13	14/15.8	38.5	6.5	30
21/16/18/14	RISCPNN-21/16/18/14	11/13	14/15.8	43.5	7	30
21/21/18/14	RISCPNN-21/21/18/14	12/14	15.8/17.8	38.5	6.5	30
21/16/18/15	RISCPNN-21/16/18/15	12/14	15.8/17.8	43.5	7	30
21/21/18/15	RISCPNN-21/21/18/15	13/15	15.8/17.8	38.5	6.5	30
21/16/20/16	RISCPNN-21/16/20/16	13/15	15.8/17.8	43.5	7	30
21/21/20/16	RISCPNN-21/21/20/16	14/16	17.5/19.8	38.5	6.5	30
29/29/22/17	RISCPNN-29/29/22/17	14/16	17.5/19.8	43.5	7	30
29/29/22/18	RISCPNN-29/29/22/18	15/17	19.5/21.8	47.5	8	40
29/29/22/18	RISCPNN-29/29/22/18	16/18	19.5/21.8	47.5	8	40
29/29/24/19	RISCPNN-29/29/24/19	17/19	21.5/23.8	47.5	8	40
29/29/24/20	RISCPNN-29/29/24/20	18/20	21.5/23.8	47.5	8	40
29/29/26/19	RISCPNN-29/29/26/19	17/19	23.5/25.8	47.5	8	40
29/29/26/21	RISCPNN-29/29/26/21	19/21	23.5/25.8	47.5	8	40

EMC / EARTHING

RJSCP

This earthing gland provides great earthing , low cost , easy assembly , good protection , and strain relief all in one package .
Assembly instruction is as follows :
1. Remove the cable sheath and braiding .
2. Fit the upper part of the gland and the neoprene bushing over the outer sheath . Bend the end of the braiding upwards and push the earthing bush under the braiding .
3. Feed the centre section over the cable end and screw it to the upper part . Tighten the screws .



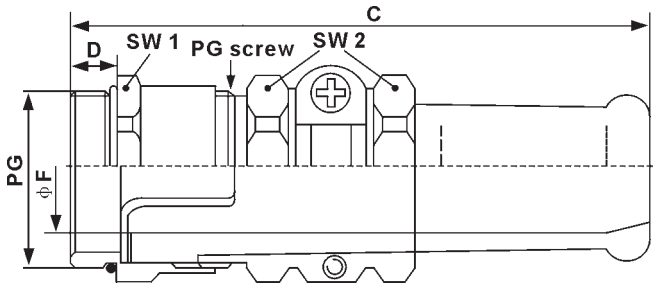
Technical Data	Temperature range	Protection class	Material
RJSCP	-20℃ to +80℃	IP 65	Body : Nickel plated brass Earthing brush : Bright brass O-ring : Perbunan

Type / Size	Cat . No	Inner sheath ϕ mm min . / max .	Outer sheath ϕ mm min . / max .	C mm	D mm	Wrench Size 1 / 2mm
13.5/9/9/6	RJSCPNN-13.5/9/9/6	4.5/6	7.5/9	60	5.5	22/22
13.5/9/11/7	RJSCPNN-13.5/9/11/7	5.5/7	9/11	60	5.5	22/22
13.5/11/9/6	RJSCPNN-13.5/11/9/6	4.5/6	7.5/9	60	5.5	22/22
13.5/11/11/7	RJSCPNN-13.5/11/11/7	5.5/7	9/11	60	5.5	22/22
13.5/13.5/9/6	RJSCPNN-13.5/13.5/9/6	4.5/6	7.5/9	60	6.5	22/22
13.5/13.5/11/7	RJSCPNN-13.5/13.5/11/7	5.5/7	9/11	60	6.5	22/22
16/11/13/9	RJSCPNN-16/11/13/9	7/9	11/13	65	5.5	24/24
16/11/13/10	RJSCPNN-16/11/13/10	8/10	11/13	65	5.5	24/24
16/11/15/11	RJSCPNN-16/11/15/11	9/11	13/15	65	5.5	24/24
16/13.5/13/9	RJSCPNN-16/13.5/13/9	7/9	11/13	67	6	24/24
16/13.5/13/10	RJSCPNN-16/13.5/13/10	8/10	11/13	67	6	24/24
16/13.5/15/11	RJSCPNN-16/13.5/15/11	9/11	13/15	67	6	24/24
16/16/13/9	RJSCPNN-16/16/13/9	7/9	11/13	65	6.5	24/24
16/16/13/10	RJSCPNN-16/16/13/10	8/10	11/13	65	6.5	24/24
16/16/15/11	RJSCPNN-16/16/15/11	9/11	13.5/15	65	6.5	24/24

EMC / EARTHING

RJSCP

This earthing gland provides great earthing , low cost , easy assembly , good protection , and strain relief all in one package .
Assembly instruction is as follows :
1. Remove the cable sheath and braiding .
2. Fit the upper part of the gland and the neoprene bushing over the outer sheath . Bend the end of the braiding upwards and push the earthing bush under the braiding .
3. Feed the centre section over the cable end and screw it to the upper part . Tighten the screws .



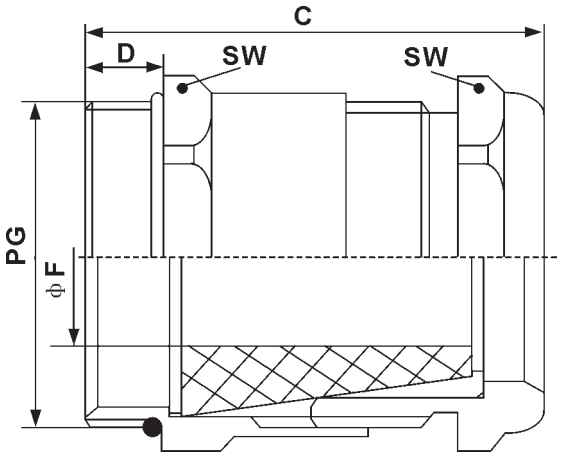
Technical Data	Temperature range	Protection class	Material
RJSCP	-20℃ to +80℃	IP 65	Body : Nickel plated brass Earthing brush : Bright brass O-ring : Perbunan

Type / Size	Cat . No	Inner sheath Φ mm min . / max .	Outer sheath Φ mm min . / max .	C mm	D mm	Wrench Size 1 / 2mm
21/16/15/12	RJSCPNN-21/16/15/12	10/12	13.5/15	78	6.5	30/30
21/16/17/14	RJSCPNN-21/16/17/14	12/14	15/17	78	6.5	30/30
21/16/19/15	RJSCPNN-21/16/19/15	13/15	17/19	78	6.5	30/30
21/16/20/16	RJSCPNN-21/16/20/16	14/16	18/20	78	6.5	30/30
21/21/15/12	RJSCPNN-21/21/15/12	10/12	13/15	78	7	30/30
21/21/17/14	RJSCPNN-21/21/17/14	12/14	15/17	78	7	30/30
21/21/19/15	RJSCPNN-21/21/19/15	13/15	17/19	78	7	30/30
21/21/20/16	RJSCPNN-21/21/20/16	14/16	18/20	78	7	30/30
29/19/20/17	RJSCPNN-29/19/20/17	20/17	15/17	40/41	90	18/20
29/19/23/19	RJSCPNN-29/19/23/19	23/19	17/19	40/41	90	21/23
36/36/26/22	RJSCPNN-36/36/26/22	20/22	23.5/26	109	9	50/50
36/36/30/24	RJSCPNN-36/36/30/24	22/24	27/30	109	9	50/50
36/36/30/26	RJSCPNN-36/36/30/26	24/26	27/30	109	9	50/50
36/36/33/28	RJSCPNN-36/36/33/28	26/28	30/33	109	9	50/50
36/36/35/30	RJSCPNN-36/36/35/30	28/30	32/35	109	9	50/50

SPECIAL SEALINGS

RKSCP

This gland with conical seal is waterproof up to 10 bars of pressure . The sealing element covers the entire gland and thus gives excellent resistance to pressure and provides good strain relief . It is also designed so that assembly would be a easy .



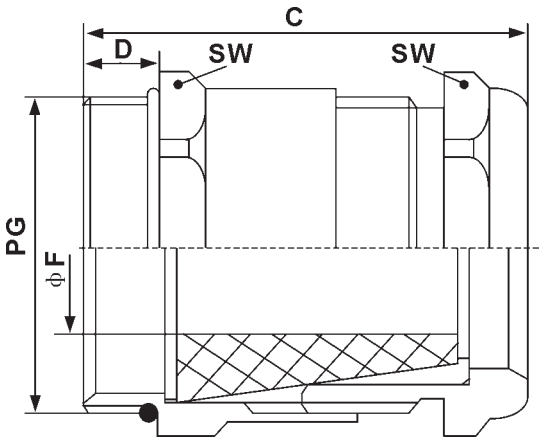
Technical Data	Temperature range	Protection class	Material
RKSCP	-20℃ to +80℃	IP 65	Body : Nickel plated brass Earthing bush : Bright brass O-ring : Perbunan

Type / Size	Cat . No	Clamping range ϕ mm	SW mm	C mm	D mm	Packing unit (pieces)
7/7/5	RKSCPNN-7/7/5	3.8-4.8	14	26.0	5	50
9/9/6	RKSCPNN-9/9/6	4.8-5.8	17	28.5	6	50
9/9/7	RKSCPNN-9/9/7	5.8-6.8	17	28.5	6	50
11/11/7	RKSCPNN-11/11/7	5.8-6.8	20	31.0	6	25
11/11/9	RKSCPNN-11/11/9	6.8-8.8	20	31.0	6	25
13.5/9/9	RKSCPNN-13.5/9/9	6.5-8.8	22	33	6.5	25
13.5/9/11	RKSCPNN-13.5/9/11	8.5-10.8	22	33	6.5	25
13.5/11/9	RKSCPNN-13.5/11/9	6.8-8.8	22	33	6.5	25
13.5/11/11	RKSCPNN-13.5/11/11	8.5-10.8	22	33	6.5	25
13.5/13.5/9	RKSCPNN-13.5/13.5/9	6.8-8.8	22	33	6.5	25
13.5/13.5/11	RKSCPNN-13.5/13.5/11	8.5-10.8	22	33	6.5	25
16/11/11	RKSCPNN-16/11/11	8.5-10.8	24	35	6.5	25
16/11/13	RKSCPNN-16/11/13	10.8-12.8	24	35	6.5	25
16/11/15	RKSCPNN-16/11/15	13.8-14.8	24	35	6.5	25
16/13.5/11	RKSCPNN-16/13.5/11	8.5-10.8	24	35	6.5	25

SPECIAL SEALINGS

RKSCP

This gland with conical seal is waterproof up to 10 bars of pressure . The sealing element covers the entire gland and thus gives excellent resistance to pressure and provides good strain relief . It is also designed so that assembly would be a easy .



Technical Data	Temperature range	Protection class	Material
RKSCP	-20℃ to +80℃	IP 65	Body : Nickel plated brass Earthing bush : Bright brass O-ring : Perbunan

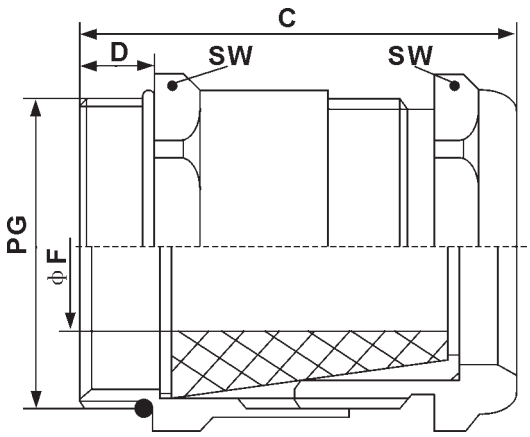
Type / Size	Cat . No	Clamping range ϕ mm	SW mm	C mm	D mm	Packing unit (pieces)
16/13.5/11	RKSCPNN-16/13.5/11	10.8-12.8	24	35	6.5	25
16/13.5/15	RKSCPNN-16/13.5/15	13.8-14.8	24	35	6.5	25
16/16/11	RKSCPNN-16/16/11	8.5-10.8	24	35	6.5	25
16/16/13	RKSCPNN-16/16/13	10.8-12.8	24	35	6.5	25
16/16/15	RKSCPNN-16/16/15	13.8-14.8	24	35	6.5	25
21/16/16	RKSCPNN-21/16/16	13.3-15.6	30	40	7	25
21/16/18	RKSCPNN-21/16/18	15.8-17.8	30	38	7	25
21/16/20	RKSCPNN-21/16/20	17.5-19.8	30	38	7	25
21/21/16	RKSCPNN-21/21/16	14.8-15.8	30	38	7	25
21/21/18	RKSCPNN-21/21/18	15.8-17.8	30	38	7	25
21/21/20	RKSCPNN-21/21/20	17.5-19.8	30	38	7	25
29/29/22	RKSCPNN-29/29/22	19.5-21.8	40	44.5	8	10
29/29/24	RKSCPNN-29/29/24	21.8-23.8	40	44.5	8	10
29/29/26	RKSCPNN-29/29/26	23.8-25.8	40	44.5	8	10

SPECIAL SEALINGS

RLSCP

With sealing cone of Viton , compression water-proof , 10 bar

Special compression water-proof gland to meet maximum quality requirements . The conical special sealing element of Viton guarantees extensive sealing , which in turns helps achieve excellent resistance under pressure and strain-relief .
The Viton sealing cone demonstrates outstanding resistance to oils and biological oils , solvents and chemicals at high temperatures up to 200℃ .



Technical Data	Temperature range	Protection class	Material
RLSCP	-15℃ up to +200℃	IP 68 - 10 bar	Body : Nickel plated brass Cone : Viton O-ring :Viton

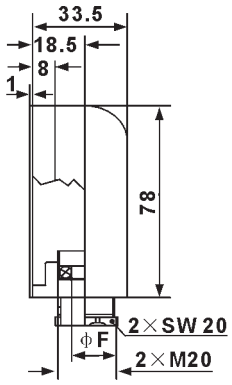
Type	Cat . No	Clamping range ϕ mm	C mm	D mm	Wrench Size mm	Packing unit (pieces)
7/7/5	RLSCPNN -7/7/5	3.8-4.8	26	5	14	50
9/9/6	RLSCPNN -9/9/6	4.8-5.8	28.5	6	17	50
9/9/7	RLSCPNN -9/9/7	5.8-6.8	28.5	6	17	50
11/11/7	RLSCPNN -11/11/7	5.8-6.8	31	6	20	25
11/11/9	RLSCPNN -11/11/9	6.8-8.8	31	6	20	25
13.5/9/11	RLSCPNN -13.5/9/11	8.5-10.8	33	6.5	22	25
13/11/9	RLSCPNN -13/11/9	6.8-8.8	33	6.5	22	25
13.5/11/11	RLSCPNN -13.5/11/11	8.5-10.8	33	6.5	22	25
13.5/13.5/9	RLSCPNN- 13.5/13.5/9	6.8-8.8	33	6.5	22	25
13.5/13.5/11	RLSCPNN -13.5/13.5/11	8.5-10.8	33	6.5	22	25
16/11/13	RLSCPNN -16/11/13	10.8-12.8	35	6.5	24	25
16/13.5/13	RLSCPNN -16/13.5/13	10.8-12.8	35	6.5	24	25
16/16/13	RLSCPNN -16/16/13	10.8-12.8	35	6.5	24	25
16/16/15	RLSCPNN -16/16/15	13.8-14.8	35	6.5	24	25
21/21/18	RLSCPNN -21/21/18	15.8-17.8	38	7	30	25
21/21/20	RLSCPNN -21/21/20	17.5-19.8	38	7	30	25
29/29/22	RLSCPNN -29/29/22	19.5-21.8	44.5	8	40	10

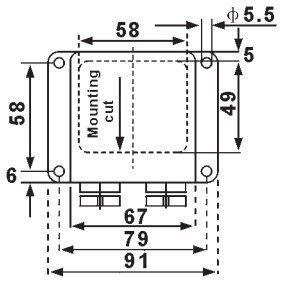
Brass cable glands

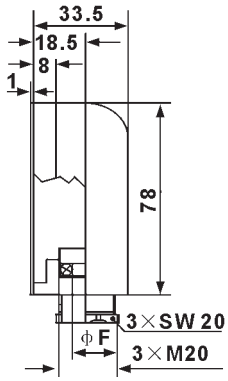
ANGLE

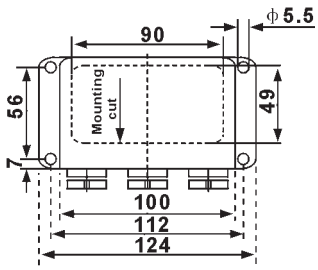
RVHCP

This product features a low profile, allowing its use in confined spaces . It accepts two or three cables , while still remain impermeable to water and oil . The cables would then be lead through a single opening . It provides very secure protection even with its low profile design and in confined spaces . It can be combined with many special glands , and the protection class would depend on the gland it is being used in conjunction with . However , the standard design is at least IP 55 .









Technical Data	Temperature range	Protection class	Material
RVHCP	-20℃ to +80℃	IP 55	Body : Aluminium ; hammered lacquer finish Compression screw : Nickel - plated brass Pre - cut sealing ring : Neoprene Flat seal : SBR

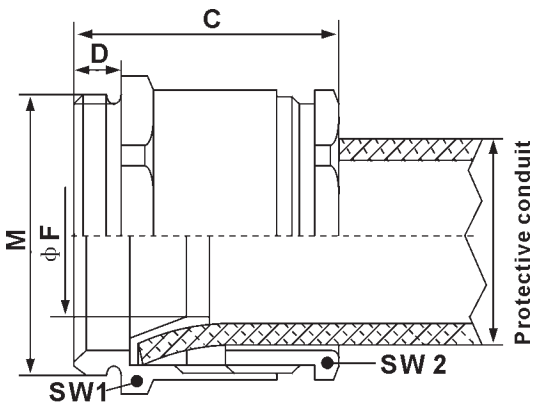
Type PG size	Cat . No	Holes in the indented sealing ring mm	Packing unit (pieces)
PG 216	RVHCPNN - 216	8.5/11.5/14.5/17.5	1
PG 316	RVHCPNN - 316	23/26/29/32	1

Protective conduit system made of metal

NASCM

Conical conduit connector

Assembly , with compression and conical rings , is simple and fast and also provides good strain relief.

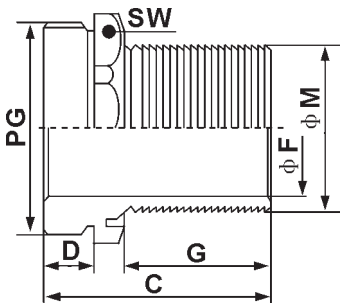


Technical Data	Protection class	Material
NASCM	IP 50	Brass , nickel-plated

Connection thread M	Cat . No	Function thread PG	Thread Length D	Boring	Overall length C mm	Wrench Size 1/2mm	Packing unit (pieces)
12×1.5	NASCMNN-12	7	5	6	20.5	14/13	50
16×1.5	NASCMNN-16	9	5	8	21.5	18/15	50
20×1.5	NASCMNN-20	11	6	10	23	22/18	50
25×1.5	NASCMNN-25	21	7	13	26.5	30/22	25

NBSCM

Strain relief is increased in this product by a lock nose attached on the gland support . The deepening in the hexagonal collar aids on the installation of the conduit end . And the recess for the O-rign on the lower part of the gland improves the sealing on the assembly surface .



Technical Data	Material
NBSCM	Body : Brass , nickel-plated O - seal ring : Perbunan

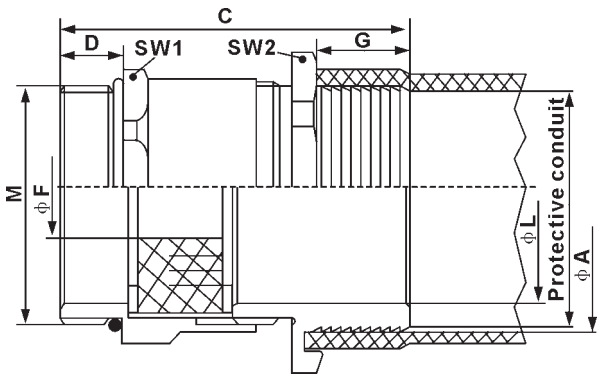
Size M	Cat . No	Outside - ϕ Conduit installation	L mm	SW mm	C mm	D mm	Packing unit (pieces)
16/1×1.5	NBSCMNN-16/1	10.3	8	19	25	8	25
20/1×1.5	NBSCMNN-20/1	14.3	12	22	25	8	25

Assignment Conduit - Conduit Gland

Protective conduit system made of metal

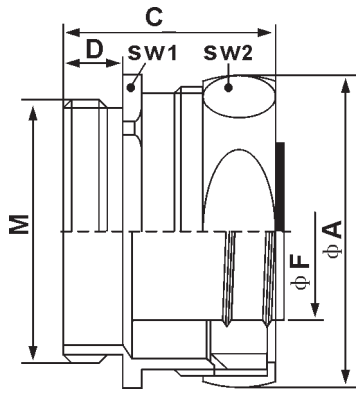
NCSCM

Conduit clamp - gland with inside sealing and metric connection thread in accordance to EN 50262
Special ribs are formed on the coupling spigot , over which the conduit is pushed , which considerably increases the strain relief . The end of the conduit is positioned in a recess in the hexagon .A recess on the lower part of the connector to take the O- ring increases the seal at the assembly surface .



NDSCM

This conduit fitting is made from brass , and provides a secure locking of conduits and screw connection . It is made to fulfill the needs to reliability and resists vibration and tension .



Technical Data	Temperature range	Protection class	Material
NCSCM	-40℃ to +100℃	IP 66	Body : Nickel plated brass Sealing ring : TPE
NDSCM	-25℃ to +100℃	IP 66	Body : Nickel plated brass O-ring : Perbunan

Connection thread M	Cat . No	Function thread PG	Outer diameter conduit seat	Wrench size 1/2mm	D mm	Boring	C mm	Packing unit (pieces)
M16×1.5	NCSCMNN-16	9	10	19/18	5	8	39	50
M20×1.5	NCSCMNN-20	11	14	22/22	6	12	39.6	50
M25×1.5	NCSCMNN-25	21	24	32/30	7	20	48	25
M32×1.5	NCSCMNN-32	29	30	40/40	8	27	53.6	25
M40×1.5	NCSCMNN-40	36	38	52/50	8	34	61.6	10
M50×1.5	NCSCMNN-50	42	48	57/57	9	41	68.6	5
M63×1.5	NCSCMNN-63	48	50	64/66	10	46	71.6	5

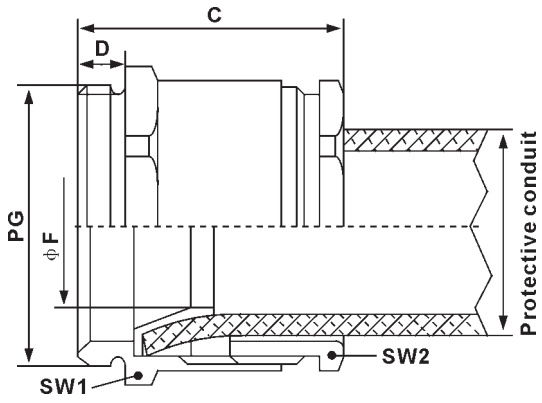
NDSCM

Connection thread M	Cat . No	Wrench size 1/2mm	D mm	Boring mm	C mm	Packing unit (pieces)
M10×1.5	NDSCMNN-10	15/17	10	Depends on inserted bush	31	50
M12×1.5	NDSCMNN-12	19/21	10	Depends on inserted bush	33	50
M16×1.5	NDSCMNN-16	23/25	10	Depends on inserted bush	33	50
M20×1.5	NDSCMNN-20	27/29	10	Depends on inserted bush	33	50
M25×1.5	NDSCMNN-25	34/36	11	Depends on inserted bush	41	25
M32×1.5	NDSCMNN-32	43/45	13	Depends on inserted bush	43	25
M40×1.5	NDSCMNN-40	52/54	13	Depends on inserted bush	43	20
M50×1.5	NDSCMNN-50	63/66	14	Depends on inserted bush	49	10

Protective conduit system made of metal

NASCP

Assembly , with compression and conical rings , is simple and fast and also provides good strain relief .

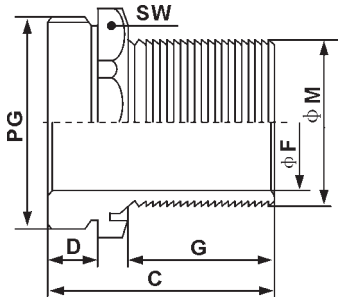


Technical Data	Protection class	Material
NASCP	IP 50	Brass , nickel-plated

Type PG Size	Cat . No	Diameter F mm	Thread Length D	Overall length C mm	Wrench Size mm	Packing unit (pieces)
PG 7	NASCPNN - 7	7	5	16	13/14	50
PG 9	NASCPNN - 9	9	6	19.4	15/17	50
PG 11	NASCPNN - 11	11	6	22.7	18/20	50
PG 13.5	NASCPNN- 13.5	13.5	6.5	25	20/22	25
PG 16	NASCPNN - 16	21	6.5	27.3	22/24	25

NBSCP

Strain relief is increased in this product by a lock nose attached on the gland support . The deepening in the hexagonal collar aids on the installation of the conduit end . And the recess for the O-ring on the lower part of the gland improves the sealing on the assembly surface .



Technical Data	Material
NBSCP	Body : Brass , nickel-plated O - seal ring : Perbunan

Type PG Size	Cat . No	Outer diameter conduit accepting	L mm	Wrench size mm	C mm	D mm	Packing unit (pieces)
PG 9	NBSCPNN-9	10.3	8	19	39	6	100
PG 11	NBSCPNN-11	14.3	12	22	39.5	6	50
PG 13.5	NBSCPNN-13.5	18.3	15.5	25	43	6.5	50
PG 16	NBSCPNN-16	22.3	19	30	44	6.5	25
PG 21	NBSCPNN-21	24.3	21	32	48	7	25
PG 29	NBSCPNN-29	30.3	27	40	53.5	8	25
PG 36	NBSCPNN-36	38.3	34	52	61.5	9	10
PG 42	NBSCPNN-42	45.3	41	57	68.5	10	5
PG 48	NBSCPNN-48	50.3	46	64	71.5	10	5

Assignment Conduit - Conduit Gland

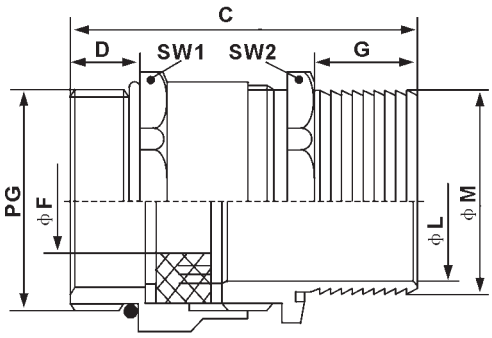
Protective conduit system made of metal

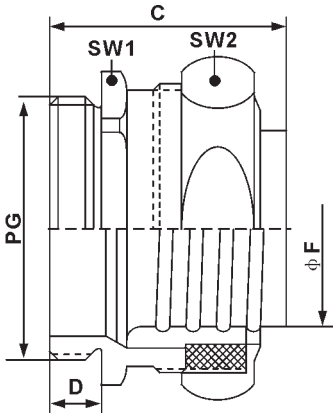
NCSCP

The cable inserted into this conduit connector is tightly sealed to resist oil , moisture , dust , and chemical by the neoprene sealing ring . It provides good strain relief , and can be assembled easily .

NDSCP

This conduit fitting is made from brass , and provides a secure locking of conduits and screw connection . It is made to fulfill the needs to reliability and resists vibration and tension .





Technical Data	Temperature range	Protection class	Material
NCSCP	-40℃ to +100℃	IP 66	Body : Nickel plated brass O- ring : Perbunan
NDSCP	-25℃ to +100℃	IP 66	Metal parts : Nickel plated brass

Type PG Size	Cat . No	L mm	Outer diameter conduit	Wrench size mm	D mm	C mm	Packing unit (pieces)
PG 9	NCSCPNN-9	8	10.3	17/19	6	39	50
PG 11	NCSCPNN-11	12	14.3	20/22	6	39.5	50
PG 13.5	NCSCPNN-13.5	15.5	18.3	22/25	6.5	43	50
PG 16	NCSCPNN-16	19	22.3	24/30	6.5	44	25
PG 21	NCSCPNN-21	21	24.3	30/33	7	48	25
PG 29	NCSCPNN-29	27	30.3	40/40	8	53.5	25
PG 36	NCSCPNN-36	34	38.3	50/52	9	61.5	10
PG 42	NCSCPNN-42	41	45.3	54/57	10	68.5	5
PG 48	NCSCPNN-48	46	50.3	64/64	10	71.7	5

NDSCP

Type PG Size	Cat . No	SW 1/2mm	D mm	F mm	C mm	Packing unit (pieces)
PG 7	NDSCPNN-7	15/17	7	9.5	28	50
PG 9	NDSCPNN-9	19/21	7	11.5	30	50
PG 11	NDSCPNN-11	23/25	7	15.5	30	50
PG 13.5	NDSCPNN-13.5	25/27	7	17	30	50
PG 16	NDSCPNN-16	27/29	7	19	30	50
PG 21	NDSCPNN-21	34/36	10	24	40	25
PG 29	NDSCPNN-29	43/45	10	32.5	40	25
PG 36	NDSCPNN-36	52/54	10	42	40	25
PG 48	NDSCPNN-48	63/77	10	55	45	10

Protective conduit system made of metal

SASCP

This easy to assemble conduit connector forms a unit that is impervious to liquids and ensures continuous earthing in accordance with VDE 0113/12.73 . These connectors comply with the VDE and DIN regulations and are also UL/CSA approved ,which means that they can be used in America , Canada . A waterproof assembly (IP 67) can be provided by using an additional sealing ring (O-ring) between the connector and the housing .

1 . Impervious to dust and liquids
2 . High resistance to ripping out the conduit .
3 . Minimum constriction of clear opening of the protective conduit .
4 . No sharp edges (nylon protective sleeve) .
5 . Can be disassembled at any time (important for test runs before dispatch or repair) .
6 . No special tools necessary for assembly .
7 . Three versions , straight 45° , 90° , facilitate space - saving assembly .
8 . Available with PG and inch threads .
9 . Because of the angled designs , large conduit bends can be avoided (danger of accident and damage)
10 . Assembly made easier by the patented earthing sleeve .

Technical Data	Protection class	Material
SASCP	IP 67	Connector body : cast iron strain relief Earthing sleeve : steel Sealing ring : nylon Connection piece : nylon insulated on the inside

Type PG Size	Cat . No	Inner diameter mm	Packing unit 1 (pieces)	Packing unit 2 (pieces)	Packing unit 3 (pieces)
PG 7	SASCPNN - 7	5.6	1	25	100
PG 9	SASCPNN - 9	9.0	1	25	100
PG 11	SASCPNN - 11	10.4	1	25	100
PG 13.5	SASCPNN - 13.5	10.4	1	25	100
PG 16	SASCPNN - 16	13.7	1	25	100
PG 21	SASCPNN - 21	18.8	1	25	50
PG 29	SASCPNN - 29	23.8	1	5	25
PG 36	SASCPNN - 36	31.6	1	5	25
PG 42	SASCPNN - 42	36.8	1	2	10
PG 48	SASCPNN - 48	48.0	1	1	5

Anaconda protective metal conduits

Protective conduit system made of metal

SAECP 、SBECP

This easy to assemble conduit connector forms a unit that is impervious to liquids and ensures continuous earthing in accordance with VDE 0113/12.73 . These connectors comply with the VDE and DIN regulations and are also UL/CSA approved ,which means that they can be used in America , Canada .A waterproof assembly (IP 67) can be provided by using an additional sealing ring (O-ring) between the connector and the housing .

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6 . No special tools necessary for assembly .
7 . Three versions , straight 45° , 90° , facilitate space - saving assembly .
8 . Available with PG and inch threads .
9 . Because of the angled designs , large conduit bends can be avoided (danger of accident and damage).
10 . Assembly made easier by the patented earthing sleeve .

Technical Data	Protection class	Material
SAECP SBECP	IP 67	Connector body : cast iron strain relief Earthing sleeve : steel Sealing ring : nylon Connection piece : nylon

Type PG Size	Cat . No	Inner diameter mm	Packing unit 1 (pieces)	Packing unit 2 (pieces)	Packing unit 3 (pieces)
SAECP 45° angle					
PG 11	SAECPNN - 11	10.4	1	25	50
PG 13.5	SAECPNN - 13.5	10.4	1	25	50
PG 16	SAECPNN - 16	13.7	1	25	50
PG 21	SAECPNN - 21	18.8	1	10	50
PG 29	SAECPNN - 29	23.8	1	5	25
PG 36	SAECPNN - 36	31.6	1	5	25
PG 42	SAECPNN - 42	46.8	1	2	10
PG 48	SAECPNN - 48	48.0	1	1	5
SBECP 90° angle					
PG 11	SBECPNN - 11	10.4	1	25	50
PG 13.5	SBECPNN - 13.5	10.4	1	25	50
PG 16	SBECPNN - 16	13.7	1	25	50
PG 21	SBECPNN - 21	18.8	1	10	50
PG 29	SBECPNN - 29	23.8	1	5	25
PG 36	SBECPNN - 36	31.6	1	5	25
PG 42	SBECPNN - 42	46.8	1	2	10
PG 48	SBECPNN - 48	48	1	1	5

Protective conduit system made of metal

SBSCP

This easy to assembly conduit connector forms a unit that is impervious to liquids and ensures continuous earthing in accordance with VDE 0113 / 12.73 . These connectors comply with the VDE and DIN regulations and are also approved by UL/CSA/S ,which means that they can be used in America , Canada and Sweden . A waterproof assembly (IP 67) can be provided by using an additional sealing-ring (O-ring) between the connector and the housing .

1 . Impervious to dust and liquids.
2 . High resistance to ripping out the conduit.
3 . Conduit not crushed.
4 . Minimum constriction of clear opening of the protective conduit.
5 . No sharp edges (nylon protective sleeve).
6 . Can be disassembled at any time (important for test runs before dispatch or repair).
7 . No special tools necessary for assembly.
8 . Three versions , straight , 45° , 90° , facilitate space saving assembly .
9 . Available with PG and inch threads.
10 . Because of the angled designs , large conduit bends can be avoided (danger of accident and damage).

Technical Data	Protection class	Material
SBSCP	IP 67	Connector body : cast iron strain relief Earthing sleeve : steel Sealing ring : nylon Connection piece : nylon insulated on the inside

Type Size	Cat . No	Inner diameter mm	Packing unit 1 (pieces)	Packing unit 2 (pieces)	Packing unit 3 (pieces)
PG 9	SBSCPNN - 9	10	1	25	50
PG 11	SBSCPNN - 11	11	1	25	50
PG 13.5	SBSCPNN - 13.5	11	1	25	50
PG 16	SBSCPNN - 16	14.5	1	25	50
PG 21	SBSCPNN - 21	20	1	25	50
PG 29	SBSCPNN - 29	25	1	10	25
PG 36	SBSCPNN - 36	33.5	1	10	25
PG 42	SBSCPNN - 42	38.5	1	4	10
PG 48	SBSCPNN - 48	49.5	1	1	5
3/8 "	SBSCPNN - 3/8 "	11	1	25	50
1/2 "	SBSCPNN - 1/2 "	14.5	1	25	50
3/4 "	SBSCPNN - 3/4 "	20	1	25	50
1 "	SBSCPNN - 1 "	25	1	20	50
1 1/4 "	SBSCPNN - 1 1/4 "	33.5	1	10	25
1 1/2 "	SBSCPNN - 1 1/2 "	38.5	1	4	10
2 "	SBSCPNN - 2 "	49.5	1	1	5
2 1/2 "	SBSCPNN - 2 1/2 "	61	1	1	5
3 "	SBSCPNN - 3 "	75	1	1	5
4 "	SBSCPNN - 4 "	99	1	1	5

Anaconda protective metal conduits

Protective conduit system made of metal

SCECP

This easy to assembly conduit connector forms a unit that is impervious to liquids and ensures continuous earthing in accordance with VDE 0113 / 12.73 . These connectors comply with the VDE and DIN regulations and are also approved by UL/CSA/S ,which means that they can be used in America , Canada and Sweden .A waterproof assembly (IP 67) can be provided by using an additional sealing-ring (O-ring) between the connector and the housing .

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2 . High resistance to ripping out the conduit.
3 . Conduit not crushed.
4 . Minimum constriction of clear opening of the protective conduit.
5 . No sharp edges (nylon protective sleeve).
6 . Can be disassembled at any time (important for test runs before dispatch or repair).
7 . No special tools necessary for assembly.
8 . Three versions , straight , 45° , 90° , facilitate space saving assembly .
9 . Available with PG and inch threads.
10 . Because of the angled designs , large conduit bends can be avoided (danger of accident and damage).

Technical Data	Protection class	Material
SCECP	IP 67	Connector body : cast iron strain relief Earthing sleeve : steel Sealing ring : nylon Connection piece : nylon insulated on the inside

Type Size	Cat . No	Inner diameter mm	Packing unit 1 (pieces)	Packing unit 2 (pieces)	Packing unit 3 (pieces)
PG 11	SCECPNN - 11	11.0	1	25	50
PG 13.5	SCECPNN - 13.5	11.0	1	25	50
PG 16	SCECPNN - 16	14.5	1	25	50
PG 21	SCECPNN - 21	20.0	1	10	25
PG 29	SCECPNN - 29	25.0	1	10	25
PG 36	SCECPNN - 36	33.5	1	10	25
PG 42	SCECPNN - 42	38.5	1	4	10
PG 48	SCECPNN - 48	49.5	1	1	5
3/8 "	SCECPNN - 3/8 "	11.0	1	25	50
1/2 "	SCECPNN - 1/2 "	14.5	1	25	50
3/4 "	SCECPNN - 3/4 "	20.0	1	20	50
1 "	SCECPNN - 1 "	25.0	1	10	25
1 1/4 "	SCECPNN - 1 1/4 "	33.5	1	10	25
1 1/2 "	SCECPNN - 1 1/2 "	38.5	1	4	10
2 "	SCECPNN - 2 "	49.5	1	1	5
2 1/2 "	SCECPNN - 2 1/2 "	61.0	1	1	5
3 "	SCECPNN - 3 "	75.0	1	1	5
4 "	SCECPNN - 4 "	99.0	1	1	5

Protective conduit system made of metal

SDECP

This easy to assembly conduit connector forms a unit that is impervious to liquids and ensures continuous earthing in accordance with VDE 0113 / 12.73 . These connectors comply with the VDE and DIN regulations and are also approved by UL/CSA/S ,which means that they can be used in America , Canada and Sweden .A waterproof assembly (IP 67) can be provided by using an additional sealing-ring (O-ring) between the connector and the housing .

1 . Impervious to dust and liquids.
2 . High resistance to ripping out the conduit.
3 . Conduit not crushed.
4 . Minimum constriction of clear opening of the protective conduit.
5 . No sharp edges (nylon protective sleeve).
6 . Can be disassembled at any time (important for test runs before dispatch or repair).
7 . No special tools necessary for assembly.
8 . Three versions , straight , 45° , 90° , facilitate space saving assembly .
9 . Available with PG and inch threads.
10 . Because of the angled designs , large conduit bends can be avoided (danger of accident and damage).

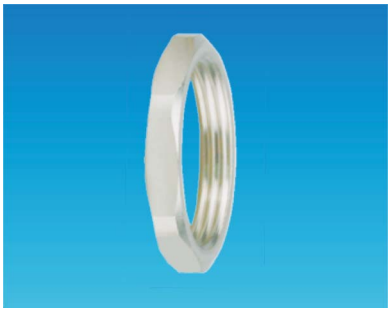
Technical Data	Protection class	Material
SDECP	IP 67	Connector body : cast iron strain relief Earthing sleeve : steel Sealing ring : nylon Connection piece : nylon insulated on the inside

Type Size	Cat . No	Inner diameter mm	Packing unit 1 (pieces)	Packing unit 2 (pieces)	Packing unit 3 (pieces)
PG 11	SDECPNN - 11	12	1	25	50
PG 13.5	SDECPNN - 13.5	14.5	1	25	50
PG 16	SDECPNN - 16	14.5	1	25	50
PG 21	SDECPNN - 21	20	1	10	25
PG 29	SDECPNN - 29	25	1	10	25
PG 36	SDECPNN - 36	33	1	10	25
PG 42	SDECPNN - 42	39	1	4	10
PG 48	SDECPNN - 48	50	1	1	5
3/8 "	SDECPNN - 3/8 "	11	1	25	50
1/2 "	SDECPNN - 1/2 "	14.5	1	25	50
3/4 "	SDECPNN - 3/4 "	20	1	10	50
1 "	SDECPNN - 1 "	25	1	10	25
1 1/4 "	SDECPNN - 1 1/4 "	33.5	1	10	25
1 1/2 "	SDECPNN - 1 1/2 "	38.5	1	4	10
2 "	SDECPNN - 2 "	49.5	1	1	5
2 1/2 "	SDECPNN - 2 1/2 "	61	1	1	5

Accessory

Nuts

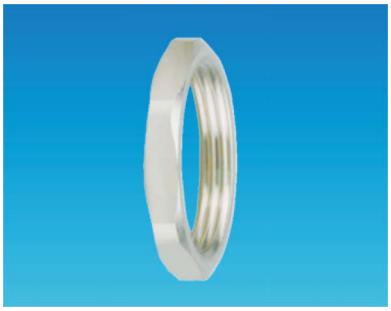
M style



Material : Copper

Threaded entry metric	Cat.No.	Height mm	Spanner Sizes mm	Std.Pkg. pcs
M12×1.5	CN-M12	3.6	17	10
M16×1.5	CN-M16	4.5	22	10
M20×1.5	CN-M20	4.5	26	10
M25×1.5	CN-M25	4.5	32	10
M32×1.5	CN-M32	4.5	41	10
M40×1.5	CN-M40	5	50	2
M50×1.5	CN-M50	5	60	2
M63×1.5	CN-M63	5	73	2

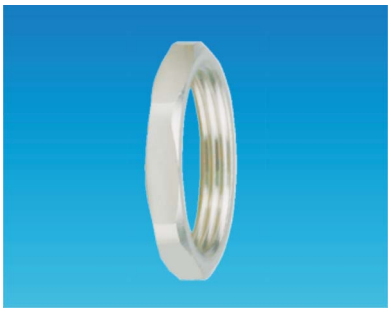
NPT style



Material : Copper

Threaded entry NPT	Cat.No.	Height mm	Spanner Sizes mm	Std.Pkg. pcs
NPT 1/4″	CN-NPT13	3.6	17	10
NPT 3/8″	CN-NPT17	4.5	22	10
NPT 1/2″	CN-NPT21	4.5	26	10
NPT 3/4″	CN-NPT26	4.5	33	10
NPT 1″	CN-NPT33	4.5	41	10
NPT 1 1/4″	CN-NPT42	5	50	2

PG style



Material : Copper

Explain C means material Copper N means Nut

Threaded entry PG	Cat.No.	Height mm	Spanner Sizes mm	Std.Pkg. pcs
PG 7	CN-PG7	3.6	17	10
PG 9	CN-PG9	3.6	18	10
PG 11	CN-PG11	4.5	22	10
PG 13.5	CN-PG13.5	4.5	24	10
PG 16	CN-PG16	4.5	26	10
PG 21	CN-PG21	4.5	32	10
PG 29	CN-PG29	5	41	2
PG 36	CN-PG36	5	50	2