



6

SKINTOP®

Cable glands

Simply feed in the cable and twist. That's it. Our SKINTOP® cable glands provide secure connections in no time. The universal systems are simple but effective. They secure and centre the cable, hermetically seal it and guarantee optimum strain relief.

Application range

- Industrial machinery and plant engineering
- Drive systems
- Measurement and control technology
- Renewable energies
- Wherever cables need to be fastened securely and quickly

SKINTOP® cable glands plastic metric**Standard**

SKINTOP® ST-M / SKINTOP® STR-M 680

CLICK System

SKINTOP® CLICK / SKINTOP® CLICK-R 682

Bending protection

SKINTOP® BS-M 683

SKINTOP® BT-M 684

SKINTOP® CLICK BS 685

Photovoltaics

SKINTOP® SOLAR / SKINTOP® SOLAR plus 686

Halogen-free

SKINTOP® ST-HF-M 687

Explosion-proof

SKINTOP® K-M ATEX plus / SKINTOP® KR-M ATEX plus 688

SKINTOP® K-M ATEX plus blue / SKINTOP® KR-M ATEX plus blue 689

SKINTOP® cable glands nickel-plated brass metric**Standard**

SKINTOP® MS-M / SKINTOP® MSR-M 690

SKINTOP® MS-M-XL / SKINTOP® MSR-M-XL 691

SKINTOP® BS-M METAL / SKINTOP® BSR-M METAL 692

SKINTOP® GRIP-M / SKINTOP® GRIP-M-XL 693

EMC

SKINTOP® BRUSH ADD-ON 694

SKINTOP® MS-SC-M 695

SKINTOP® MS-M BRUSH 696

Cold-resistant

SKINTOP® COLD / SKINTOP® COLD-R 697

Industrial connectors

SKINTOP® MS-IS-M 698

Halogen-free

SKINTOP® MS-HF-M 699

SKINTOP® MS-HF-M GRIP 700

SKINTOP® MS-HF-M SC 701

SKINTOP® MS-HF-M BRUSH 702

Explosion-proof

SKINTOP® MS-M ATEX / SKINTOP® MSR-M ATEX 703

SKINTOP® MS-M ATEX BRUSH 704

SKINTOP® SDV-M ATEX / SKINTOP® SDVR-M ATEX 705

Flat cable

SKINTOP® FLAT 706

SKINTOP® cable glands stainless steel metric**Standard**

SKINTOP® INOX / SKINTOP® INOX-R 707

SKINTOP® INOX SC 708

SKINTOP® HYGIENIC / SKINTOP® HYGIENIC-R 709

SKINTOP® HYGIENIC SC 710

SKINTOP® cable gland accessories metric**Counter nuts**

SKINTOP® GMP-GL-M 711

SKINTOP® GMP-HF-M 712

Multiple sealing inserts/dust protection

SKINTOP® DIX-M 713

SKINTOP® DIX-M AUTOMATION 714

SKINTOP® DIX-DV / SKINTOP® SD-M / SKINTOP® DV-M 715

SKINTOP® cable bushing systems**Cable bushing systems**

SKINTOP® MULTI-M 716

SKINTOP® MULTI 717

SKINTOP® MULTI VENT 718

SKINTOP® CUBE 719

SKINTOP® CUBE SORTIMO® T-BOXX 720

SKINTOP® CUBE MULTI 721

EMC

SKINTOP® BRUSH ADD-ON 24 722

SKINDICHT® plastic or metal cable glands metric**Standard**

SKINDICHT® SVRN-M / SKINDICHT® SVRE-M 723

SKINDICHT® SVRX 724

Flat cable

SKINDICHT® SVFK-M 725

SKINDICHT® SVF-M 726

Strain relief/bending protection

SKINDICHT® SKZ-M 727

SKINDICHT® SHZ-M 728

SKINDICHT® SR-M 729

SKINDICHT® SR-SV-M 730

EMC

SKINDICHT® SHVE-M 731

SKINDICHT® SRE-M 732

Special sealing cable glands

SKINDICHT® SHV-M 733

SKINDICHT® SHV-M FKM 734

SKINDICHT® MINI NBR / SKINDICHT® MINI FKM / 735

SKINDICHT® MINI COLD 736

SKINDICHT® CN-M 736

Angle cable glands

SKINDICHT® KW-M 737

SKINDICHT® RWV-M 738

SKINDICHT® RWV-M without E+D 739

SKINDICHT® SE-M / SKINDICHT® SE-M 220/320 740

SKINDICHT® SE-M without E+D 741

SKINDICHT® cable gland accessories metric**Counter nuts**

SKINDICHT® SM-M / SKINDICHT® SM-PE-M 742

SKINDICHT® SM-M INOX 743

Blind plugs

SKINDICHT® BLK-M / SKINDICHT® BLK-GL-M 744

SKINTOP® CLICK BLK 745

SKINDICHT® BL-M 746

SKINDICHT® BL-M hex. 747

SKINDICHT® BL-M ATEX 747

SKINDICHT® HYGIENIC BL-M 748

Pressure compensation

SKINDICHT® VENT PA6 749

SKINDICHT® VENT INOX 750

Reducers

SKINDICHT® KU-M 751

SKINDICHT® MR-M 751

SKINDICHT® MR-M hex. 752

SKINDICHT® MR-M ATEX 753

SKINDICHT® EKU-M 753

Enlargers

SKINDICHT® ME-M 754

SKINDICHT® ME-M ATEX 754

Adapter

SKINDICHT® MA-M/PG / SKINDICHT® MA-M/NPT 755

Coupler

SKINDICHT® TWIST-M 756

Sealing rings/incised seals

SKINDICHT® O-Ring NBR metric 757

SKINDICHT® O-ring FKM metric 757

SKINDICHT® JT PTFE metric 758

SKINDICHT® WN-M 758

Ducts

SKINDICHT® DTN 759

SKINDICHT® LA 759

SKINTOP® cable glands plastic and metal NPT**Plastic**

SKINTOP® ST NPT / BS NPT 760

Nickel-plated brass

SKINTOP® MS NPT 761

SKINTOP® COLD NPT 762

SKINTOP® MS-SC NPT 763

SKINTOP® MS-NPT BRUSH 764

Stainless steel

SKINTOP® INOX NPT 765

SKINTOP® HYGIENIC NPT 766

SKINDICHT® cable gland accessories NPT**Counter nuts**

SKINTOP® GMP-GL NPT 767

SKINDICHT® SM-NPT 768

SKINDICHT® SM-NPT INOX 768

Blind plugs

SKINDICHT® HYGIENIC BL-NPT 769

SKINTOP® cable glands plastic PG

Standard

SKINTOP® ST / SKINTOP® STR 770

Bending protection

SKINTOP® BS 772

SKINTOP® BT 773

SKINTOP® cable glands nickel-plated brass PG

Standard

SKINTOP® MS / SKINTOP® MSR 774

SKINTOP® MS-XL / SKINTOP® MSR-XL 775

EMC

SKINTOP® MS-SC 776

SKINDICHT® cable gland accessories PG

Counter nuts

SKINTOP® GMP-GL 777

Multiple sealing inserts/dust protection

SKINTOP® DIX 778

SKINTOP® DIX-AUTOMATION 779

SKINTOP® DIX-DV / SKINTOP® SD / SKINTOP® DV 780

SKINDICHT® cable glands plastic or metal PG

Standard

SKINDICHT® SVRN / SKINDICHT® SVRE 781

Flat cable

SKINDICHT® SVFK 782

SKINDICHT® SVF 783

SKINDICHT® FL 784

Strain relief/bending protection

SKINDICHT® SH 785

SKINDICHT® SHZ 786

SKINDICHT® SK 787

SKINDICHT® SKZ 788

SKINDICHT® SR 789

SKINDICHT® SR-SV 790

EMC

SKINDICHT® SHVE 791

SKINDICHT® SRE 792

Special sealing cable glands

SKINDICHT® SHV 793

SKINDICHT® SHV FKM 794

SKINDICHT® CN 795

Angle cable glands

SKINDICHT® RWV 796

SKINDICHT® SE 797

SKINDICHT® cable gland accessories PG

Counter nuts

SKINDICHT® GMK 798

SKINDICHT® SM / SKINDICHT® SM-PE 799

SKINDICHT® SM INOX 799

Blind plugs

SKINDICHT® BLK / BLK-GL 800

SKINDICHT® BL 801

Reducers

SKINDICHT® KU, KUS, KUK 802

SKINDICHT® MR 803

Enlargers

SKINDICHT® EKU 804

SKINDICHT® ME 804

Adapter

SKINDICHT® A-PG/M 805

SKINDICHT® MA-PG/M 806

Sealing rings/incised seals

SKINDICHT® O-Ring NBR PG 807

SKINDICHT® O-Ring FKM PG 807

SKINDICHT® JT PTFE PG 808

SKINMATIC® mounting tools

SKINMATIC® metric mounting tools

SKINMATIC® QUICK Set 1 809

SKINMATIC® MH Set 809

SKINMATIC® KB-M 810

SKINMATIC® SB-M 810

SKINMATIC® GB-M 810

SKINMATIC® RZ 810

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* depending on the size/version, please check in the product information

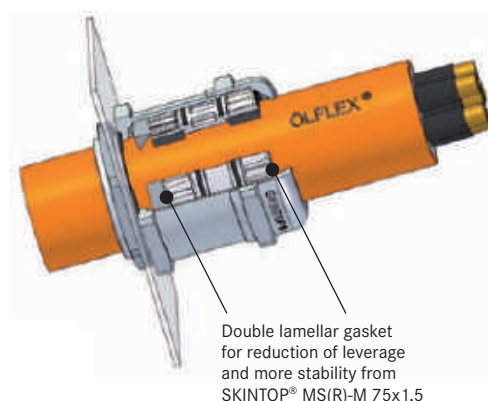
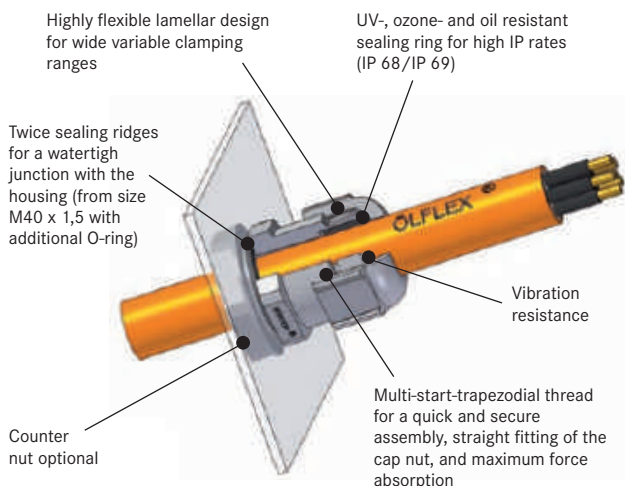
SKINTOP® Single entry systems

Secured in less than no time



With SKINTOP® you can fix the cable in an instant. Just feed it in, turn till tight – ready. Your cable is fixed, centered, hermetically sealed and completely strainrelieved with a turn of the hand. Either

way, with SKINTOP® you can achieve maximum reliability. To ensure a steady quality, SKINTOP® products are continuously monitored. A quality which has brought us numerous international approvals.



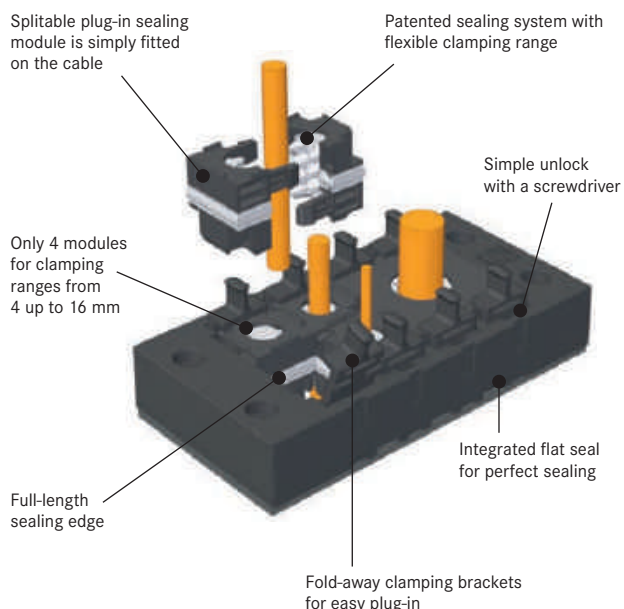
SKINTOP® Multi-cable entry systems



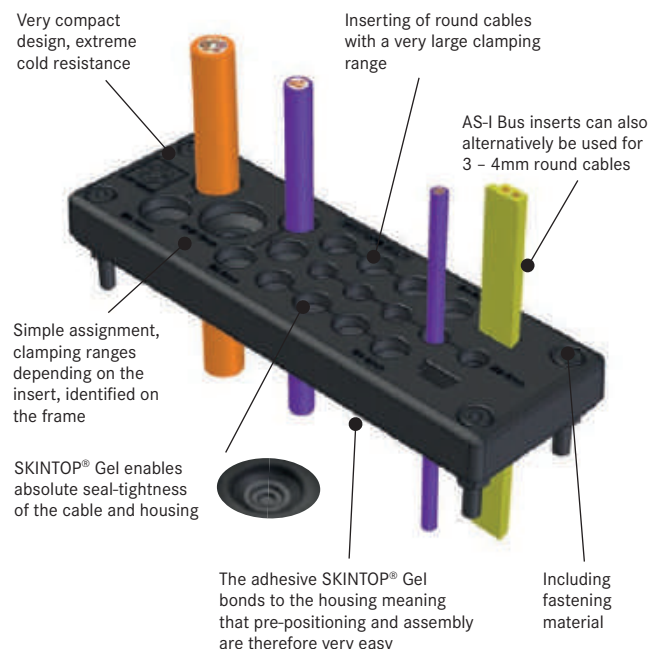
The SKINTOP® multi-cable entry system is used for assembled and non-assembled cables and wires. It stands out with large clamping ranges, high packing density and good tensile strength since the

sealing technology adjusts itself perfectly onto the surface and shape of the cables.

SKINTOP® CUBE

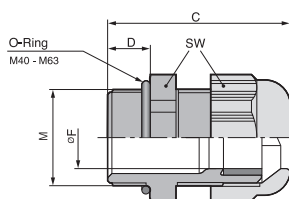


SKINTOP® MULTI





SKINTOP® ST-M / SKINTOP® STR-M



Info

- In practical box available in the web catalogue
- With IP69 approval! Proven to withstand the most demanding cleaning procedures for industrial machinery with high-pressure cleaners and hot water!

Benefits

- High oil-resistance for maximum reliability
- Permanent vibration protection
- Wide, variable clamping ranges
- Optimum strain relief
- Various accessories (e.g. multiple sealing inserts)

Application range

SKINTOP® ST-M

- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- Machine and equipment manufacturing
- Photovoltaic
- Automation technology
- Offshore platforms, equipment and shipyards

SKINTOP® STR-M

- With reducing seal insert, to seal cables with smaller outer diameters

Norm references / Approvals

- UL File Nr. E79903
- GGVS: TÜ.EGG.020-95

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINTOP® ST(R) M ISO types have an extra-long connection thread
- SKINTOP® ST(R) M ISO versions with extra-long connection thread, see table, no DNV approval

Suitable cables

- The following cables are recommended for IP 69 applications:
ÖLFLEX® ROBUST 200
H07RN8-F
H07RN-F

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques
Size M 40 x 1,5 up tp
M 63 x 1,5 with O-ring



Colour delivered

Silver grey (RAL 7001)
Light grey (RAL 7035)
Black (RAL 9005), UV-resistant



Material

Body: Polyamide
Seal: CR

Tests

GGVS: TÜ.EGG.020-95



Protection rating

IP 68 - 5 bar
IP 69
NEMA Type 1, 12



Temperature range

Fixed: -40°C to +100°C
Dynamic: -20°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® ST-M silver grey						
53111000	M 12 x 1,5	3,5-7	15	30.0	8	100
53111010	M 16 x 1,5	4-10	19	34.0	8	100
53111020	M 20 x 1,5	6-13	25	37.0	9	100
53111030	M 25 x 1,5	8-17	30	40.0	10	50
53111040	M 32 x 1,5	9-21	36	47.0	10	25
53111050	M 40 x 1,5	16-28	46	52.0	10	10
53111060	M 50 x 1,5	27-34	55	62.0	12	5
53111070	M 63 x 1,5	34-45	66	71.0	12	5
SKINTOP® ST-M black						
53111200	M 12 x 1,5	3,5-7	15	30.0	8	100
53111210	M 16 x 1,5	4-10	19	34.0	8	100
53111220	M 20 x 1,5	6-13	25	37.0	9	100
53111230	M 25 x 1,5	8-17	30	40.0	10	50
53111240	M 32 x 1,5	9-21	36	47.0	10	25
53111250	M 40 x 1,5	16-28	46	52.0	10	10
53111260	M 50 x 1,5	27-34	55	62.0	12	5
53111270	M 63 x 1,5	34-45	66	71.0	12	5
SKINTOP® ST-M light grey						
53111400	M 12 x 1,5	3,5-7	15	30.0	8	100
53111410	M 16 x 1,5	4-10	19	34.0	8	100
53111420	M 20 x 1,5	6-13	25	37.0	9	100
53111430	M 25 x 1,5	8-17	30	40.0	10	50
53111440	M 32 x 1,5	9-21	36	47.0	10	25
53111450	M 40 x 1,5	16-28	46	52.0	10	10
53111460	M 50 x 1,5	27-34	55	62.0	12	5
53111470	M 63 x 1,5	34-45	66	71.0	12	5
SKINTOP® ST M ISO silver-grey (with long metric connecting thread)						
53017010	M 16 x 1,5 ISO	3,5-8	19	40.0	12	100
53017030	M 20 x 1,5 ISO	5-12	24	45.0	13	100
53017040	M 25 x 1,5 ISO	9-14	27	47.0	13	50

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® ST M ISO black (with long metric connecting thread)						
53010000	M 12 x 1,5 ISO	3,5-7	15	36.7	15	100
53017210	M 16 x 1,5 ISO	3,5-8	19	40.0	12	100
53017230	M 20 x 1,5 ISO	5-12	24	45.0	13	100
53017240	M 25 x 1,5 ISO	9-14	27	47.0	13	50
SKINTOP® STR-M silver grey						
53111100	M 12 x 1,5	2-5	15	30.0	8	100
53111110	M 16 x 1,5	3,5-7	19	34.0	8	100
53111120	M 20 x 1,5	4-10	25	37.0	9	100
53111130	M 25 x 1,5	5-13	30	40.0	10	50
53111140	M 32 x 1,5	6-15	36	47.0	10	25
53111150	M 40 x 1,5	9-23	46	52.0	10	10
53111160	M 50 x 1,5	24-29	55	62.0	12	5
53111170	M 63 x 1,5	28-39	66	71.0	12	5
SKINTOP® STR-M black						
53111300	M 12 x 1,5	2-5	15	30.0	8	100
53111310	M 16 x 1,5	3,5-7	19	34.0	8	100
53111320	M 20 x 1,5	4-10	25	37.0	9	100
53111330	M 25 x 1,5	5-13	30	40.0	10	50
53111340	M 32 x 1,5	6-15	36	47.0	10	25
53111350	M 40 x 1,5	9-23	46	52.0	10	10
53111360	M 50 x 1,5	24-29	55	62.0	12	5
53111370	M 63 x 1,5	28-39	66	71.0	12	5
SKINTOP® STR-M light grey						
53111500	M 12 x 1,5	2-5	15	30.0	8	100
53111510	M 16 x 1,5	3,5-7	19	34.0	8	100
53111520	M 20 x 1,5	4-10	25	37.0	9	100
53111530	M 25 x 1,5	5-13	30	40.0	10	50
53111540	M 32 x 1,5	6-15	36	47.0	10	25
53111550	M 40 x 1,5	9-23	46	52.0	10	10
53111560	M 50 x 1,5	24-29	55	62.0	12	5
53111570	M 63 x 1,5	28-39	66	71.0	12	5
SKINTOP® STR M ISO silver-grey (with long metric connecting thread)						
53017110	M 16 x 1,5 ISO	2-6	19	40.0	12	100
53017130	M 20 x 1,5 ISO	4-9	24	45.0	13	100
53017140	M 25 x 1,5 ISO	6-12	27	47.0	13	50
SKINTOP® STR M ISO black (with long metric connecting thread)						
53017310	M 16 x 1,5 ISO	2-6	19	40.0	12	100
53017330	M 20 x 1,5 ISO	4-9	24	45.0	13	100
53017340	M 25 x 1,5 ISO	6-12	27	47.0	13	50

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® BRUSH ADD-ON refer to page 694
- SKINTOP® DIX-M refer to page 713
- SKINTOP® GMP-GL-M refer to page 711
- SKINTOP® DIX-M AUTOMATION refer to page 714
- SKINTOP® SD-M refer to page 715
- SKINTOP® DV-M refer to page 715



SKINTOP® CLICK / SKINTOP® CLICK-R



Info

- In practical box available in the web catalogue
- The most innovative cable insertion system in the market for a fast and highly flexible assembly. Simply click in - turn to the left - turn to the right - finished. The result: fixed, centred, strain-relieved fitting and maximum protection class in a few seconds.

Benefits

- Fewer parts, counter nut no longer needed
- Save up to 70% of the time with the innovative CLICK system
- Simple, free assembly in any position
- Vibration protection
- No thread required

Application range

SKINTOP® CLICK

- Automation technology
- Solar applications
- Control cabinet manufacturing
- Measurement, control and electrical applications
- Air-conditioning technology

SKINTOP® CLICK-R

- With reducing seal insert, to seal cables with smaller outer diameters

Norm references / Approvals

- UL File Nr. E79903

Included

- Included: disassembly tool

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Colour delivered

Silver grey (RAL 7001)
Light grey (RAL 7035)
Black (RAL 9005), UV-resistant



Material

Body: special polyamide
Seal: special elastomer



Protection rating

IP 68 - 4 bar (M12)
IP 68 - 5 bar (M16 - M25)
IP 68 - 1 bar (M32)



Temperature range

Dynamic: -20°C to +100°C
Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	M (hole in mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Wall thickness, S (mm)	Pieces / PU
SKINTOP® CLICK light grey								
53112692	CLICK 12	4.5 - 7.0	12.3 (-0.2)	15.0 / 18.0	40.0	8	1.0 - 4.0	50
53112686	CLICK 16	5.0 - 9.0	16.3 (-0.2)	19.0 / 22.0	42.0	8	1.0 - 4.0	50
53112687	CLICK 20	7.0 - 13.0	20.3 (-0.2)	25.0 / 27.0	45.0	8	1.0 - 4.0	25
53112688	CLICK 25	9.0 - 17.0	25.3 (-0.2)	30.0 / 32.0	48.0	8	1.0 - 4.0	25
53112694	CLICK 32	11.0 - 20.0	32.3 (-0.2)	36.0 / 40.0	56.0	8	1.0 - 4.0	25
SKINTOP® CLICK silver grey								
53112921	CLICK 12	4.5 - 7.0	12.3 (-0.2)	15.0 / 18.0	40.0	8	1.0 - 4.0	50
53112876	CLICK 16	5.0 - 9.0	16.3 (-0.2)	19.0 / 22.0	42.0	8	1.0 - 4.0	50
53112877	CLICK 20	7.0 - 13.0	20.3 (-0.2)	25.0 / 27.0	45.0	8	1.0 - 4.0	25
53112878	CLICK 25	9.0 - 17.0	25.3 (-0.2)	30.0 / 32.0	48.0	8	1.0 - 4.0	25
53112922	CLICK 32	11.0 - 20.0	32.3 (-0.2)	36.0 / 40.0	56.0	8	1.0 - 4.0	25
SKINTOP® CLICK black								
53112923	CLICK 12	4.5 - 7.0	12.3 (-0.2)	15.0 / 18.0	40.0	8	1.0 - 4.0	50
53112882	CLICK 16	5.0 - 9.0	16.3 (-0.2)	19.0 / 22.0	42.0	8	1.0 - 4.0	50
53112883	CLICK 20	7.0 - 13.0	20.3 (-0.2)	25.0 / 27.0	45.0	8	1.0 - 4.0	25
53112884	CLICK 25	9.0 - 17.0	25.3 (-0.2)	30.0 / 32.0	48.0	8	1.0 - 4.0	25
53112924	CLICK 32	11.0 - 20.0	32.3 (-0.2)	36.0 / 40.0	56.0	8	1.0 - 4.0	25
SKINTOP® CLICK-R light grey								
53112925	CLICK-R 12	3.5 - 5.0	12.3 (-0.2)	15.0 / 18.0	40.0	8	1.0 - 4.0	50
53112689	CLICK-R 16	4.0 - 7.0	16.3 (-0.2)	19.0 / 22.0	42.0	8	1.0 - 4.0	50
53112690	CLICK-R 20	5.0 - 10.0	20.3 (-0.2)	25.0 / 27.0	45.0	8	1.0 - 4.0	25
53112691	CLICK-R 25	6.0 - 13.0	25.3 (-0.2)	30.0 / 32.0	48.0	8	1.0 - 4.0	25
53112926	CLICK-R 32	7.0 - 15.0	32.3 (-0.2)	36.0 / 40.0	56.0	8	1.0 - 4.0	25
SKINTOP® CLICK-R silver grey								
53112927	CLICK-R 12	3.5 - 5.0	12.3 (-0.2)	15.0 / 18.0	40.0	8	1.0 - 4.0	50
53112879	CLICK-R 16	4.0 - 7.0	16.3 (-0.2)	19.0 / 22.0	42.0	8	1.0 - 4.0	50
53112880	CLICK-R 20	5.0 - 10.0	20.3 (-0.2)	25.0 / 27.0	45.0	8	1.0 - 4.0	25
53112881	CLICK-R 25	6.0 - 13.0	25.3 (-0.2)	30.0 / 32.0	48.0	8	1.0 - 4.0	25
53112928	CLICK-R 32	7.0 - 15.0	32.3 (-0.2)	36.0 / 40.0	56.0	8	1.0 - 4.0	25
SKINTOP® CLICK-R black								
53112929	CLICK-R 12	3.5 - 5.0	12.3 (-0.2)	15.0 / 18.0	40.0	8	1.0 - 4.0	50
53112885	CLICK-R 16	4.0 - 7.0	16.3 (-0.2)	19.0 / 22.0	42.0	8	1.0 - 4.0	50
53112886	CLICK-R 20	5.0 - 10.0	20.3 (-0.2)	25.0 / 27.0	45.0	8	1.0 - 4.0	25
53112887	CLICK-R 25	6.0 - 13.0	25.3 (-0.2)	30.0 / 32.0	48.0	8	1.0 - 4.0	25
53112931	CLICK-R 32	7.0 - 15.0	32.3 (-0.2)	36.0 / 40.0	56.0	8	1.0 - 4.0	25

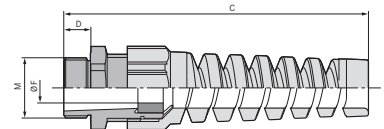
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Accessories

- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-M AUTOMATION refer to page 714
- SKINTOP® SD-M refer to page 715
- SKINTOP® DV-M refer to page 715



SKINTOP® BS-M



Benefits

- Reliable bending and anti-kink protection
- Cable conservation
- Functional reliability
- To protect flexible cables

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Handheld device
- Robotics industry
- Light and sound applications
- Moving machine parts

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Version with reducing insert to seal smaller cable cross-sections SKINTOP® BSR-M on request
- SKINTOP® BS M ISO versions with extra-long connection thread, see table, no DNV approval

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution Refer to Appendix T21 for the installation dimensions and torques
	On request with reducing sealing ring
	Colour delivered Silver grey (RAL 7001) Light grey (RAL 7035) Black (RAL 9005), UV-resistant
	Material Body: Polyamide Seal: CR
	Protection rating IP 68 - 5 bar NEMA Type 1, 12
	Temperature range -20°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® BS-M silver grey						
53111600	M 12 x 1,5	3,5-7	15	64.0	8	100
53111610	M 16 x 1,5	4,5-10	19	86.0	8	100
53111620	M 20 x 1,5	7-13	25	101.0	9	50
53111630	M 25 x 1,5	9-17	30	125.0	10	25
53111640	M 32 x 1,5	11-21	36	149.0	10	25
SKINTOP® BS-M black						
53111700	M 12 x 1,5	3,5-7	15	64.0	8	100
53111710	M 16 x 1,5	4,5-10	19	86.0	8	100
53111720	M 20 x 1,5	7-13	25	101.0	9	50
53111730	M 25 x 1,5	9-17	30	125.0	10	25
53111740	M 32 x 1,5	11-21	36	149.0	10	25
SKINTOP® BS-M light grey						
53111800	M 12 x 1,5	3,5-7	15	64.0	8	100
53111810	M 16 x 1,5	4,5-10	19	86.0	8	100
53111820	M 20 x 1,5	7-13	25	101.0	9	50
53111830	M 25 x 1,5	9-17	30	125.0	10	25
53111840	M 32 x 1,5	11-21	36	149.0	10	25
SKINTOP® BS M ISO silver-grey (with long metric connecting thread)						
53017610	M 16 x 1,5 ISO	3,5-8	19	77.5	12	100
53017630	M 20 x 1,5 ISO	5-12	24	102.0	13	50
53017640	M 25 x 1,5 ISO	9-14	27	114.5	13	50
SKINTOP® BS M ISO black (with long metric connecting thread)						
53017810	M 16 x 1,5 ISO	3,5-8	19	77.5	12	100
53017830	M 20 x 1,5 ISO	5-12	24	102.0	13	50
53017840	M 25 x 1,5 ISO	9-14	27	114.5	13	50

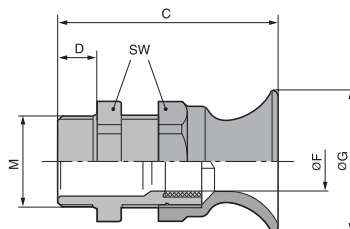
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Accessories

- SKINTOP® BRUSH ADD-ON refer to page 694
- SKINTOP® GMP-GL-M refer to page 711



SKINTOP® BT-M



Benefits

- Reliable bending and anti-kink protection
- Cable conservation
- Functional reliability
- To protect flexible cables

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Handheld device
- Apparatus construction
- Light and sound applications
- Moving machine parts

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution Refer to Appendix T21 for the installation dimensions and torques
	Colour delivered Silver grey (RAL 7001)
	Material Body: Polyamide Seal: CR
	Protection rating IP 68 - 5 bar
	Temperature range -20 °C to +100 °C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® BT-M						
53017420	M 16 x 1,5	3,5-8	19	45.0	12	100
53017430	M 20 x 1,5	5-12	24	54.0	13	50
53017440	M 25 x 1,5	9-14	27	57.0	13	50

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Accessories

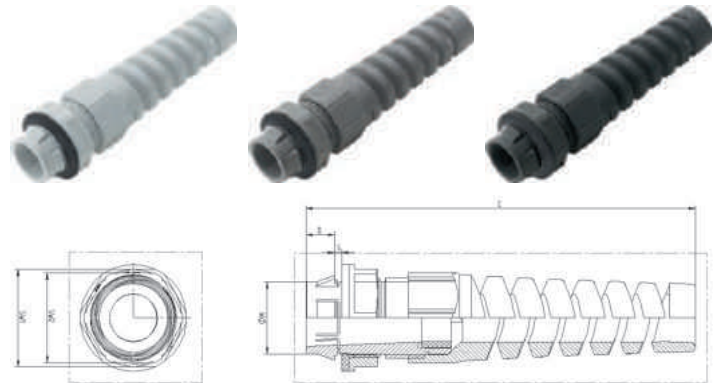
- SKINTOP® BRUSH ADD-ON refer to page 694
- SKINTOP® GMP-GL-M refer to page 711



SKINTOP® CLICK BS

Info

- The most innovative cable insertion system in the market for a fast and highly flexible assembly. Simply click in - turn to the left - turn to the right - finished. The result: fixed, centred, strain-relieved fitting and maximum protection class in a few seconds.



Benefits

- Reliable bending protection for cable conservation and functional reliability
- Save up to 70% of the time with the innovative CLICK system
- No thread required
- To protect flexible cables
- Fewer parts, counter nut no longer needed

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Robotics industry
- Moving machine parts
- Apparatus construction
- Light and sound applications

Norm references / Approvals

- UL File Nr. E79903

Included

- Included: disassembly tool

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

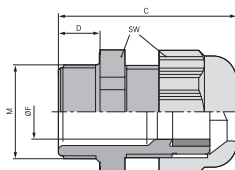
Classification ETIM 5/6	ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
Colour delivered	Silver grey (RAL 7001) Light grey (RAL 7035) Black (RAL 9005), UV-resistant
Material	Body: special polyamide Seal: special elastomer
Protection rating	IP 68 - 4 bar (M12) IP 68 - 5 bar (M16 - M25) IP 68 - 1 bar (M32)
Temperature range	-20°C to +100°C

Article number	Article designation / size	Ø F mm	M (hole in mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Wall thickness, S (mm)	Pieces / PU
SKINTOP® CLICK BS light grey								
53112932	CLICK BS 12	3,5-7	12.3 (-0.2)	18.0 / 15.0	74.0	8	1.0 - 4.0	50
53112888	CLICK BS 16	5-9	16.3 (-0.2)	22.0 / 19.0	94.0	8	1.0 - 4.0	50
53112889	CLICK BS 20	7-13	20.3 (-0.2)	27.0 / 25.0	108.0	8	1.0 - 4.0	25
53112890	CLICK BS 25	9-17	25.3 (-0.2)	32.0 / 30.0	127.0	8	1.0 - 4.0	25
53112933	CLICK BS 32	11-20	32.3 (-0.2)	40.0 / 36.0	156.0	8	1.0 - 4.0	25
SKINTOP® CLICK BS silver grey								
53112934	CLICK BS 12	3,5-7	12.3 (-0.2)	18.0 / 15.0	74.0	8	1.0 - 4.0	50
53112906	CLICK BS 16	5-9	16.3 (-0.2)	22.0 / 25.0	94.0	8	1.0 - 4.0	50
53112907	CLICK BS 20	7-13	20.3 (-0.2)	27.0 / 25.0	108.0	8	1.0 - 4.0	25
53112908	CLICK BS 25	9-17	25.3 (-0.2)	32.0 / 30.0	127.0	8	1.0 - 4.0	25
53112935	CLICK BS 32	11-20	32.3 (-0.2)	40.0 / 36.0	156.0	8	1.0 - 4.0	25
SKINTOP® CLICK BS black								
53112936	CLICK BS 12	3,5-7	12.3 (-0.2)	18.0 / 15.0	74.0	8	1.0 - 4.0	50
53112909	CLICK BS 16	5-9	16.3 (-0.2)	22.0 / 19.0	94.0	8	1.0 - 4.0	50
53112911	CLICK BS 20	7-13	20.3 (-0.2)	27.0 / 25.0	108.0	8	1.0 - 4.0	25
53112912	CLICK BS 25	9-17	25.3 (-0.2)	32.0 / 30.0	127.0	8	1.0 - 4.0	25
53112937	CLICK BS 32	11-20	32.3 (-0.2)	40.0 / 36.0	156.0	8	1.0 - 4.0	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINTOP® SOLAR / SKINTOP® SOLAR plus



Info

- Cable gland for photovoltaic applications, based on EN 62444, EN 50548 and UL 1703
- Extended temperature range

Benefits

- UV and ozone-resistant
- UL 746 C - UL F1 outdoor use
- High strain relief
- Permanent vibration protection
- Extremely flame-retardant according to UL 94V-0 / 94-5VA

Application range

- Photovoltaic plants

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable cables

- ÖLFLEX® SOLAR

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Colour delivered

Black (RAL 9005), UV-resistant



Material

SKINTOP® SOLAR

Body: Polycarbonate

Seal: CR

SKINTOP® SOLAR plus

Body: Polycarbonate

Seal: Silicone

O-Ring: Silicone

Tests

Cold impact test according to UL 1703/UL 746 C



Protection rating

IP 68 - 5 bar



Temperature range

SKINTOP® SOLAR

-40°C to +100°C

SKINTOP® SOLAR plus

-40°C to +125°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® SOLAR						
53113300	M 12 x 1,5	3,5-7	15	37.5	15	100
53113310	M 16 x 1,5	7-9	19	34.0	8	100
SKINTOP® SOLAR plus						
53113321	M 12 x 1,5	3,5-7	15	37.5	15	100
53113331	M 16 x 1,5	7-9	19	34.0	8	100

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® GMP-GL-M refer to page 711



SKINTOP® ST-HF-M

Halogen-free plastic cable gland

Info

- Cable gland for railway applications
- Hazard Level: HL 3



Benefits

- Maximum reliability
- Extremely flame-retardant according to UL 94 V0
- Completely halogen-free (including sealing material)
- Self-extinguishing, no dripping
- Permanent vibration protection

Application range

- Underground railways and trains
- When the protection of people and property is a priority
- Public buildings
- Ventilation systems
- Tunnel construction

Norm references / Approvals

- DIN EN 45545-2 (HL3)
- Filament testing according to EN 60695-2-1/1 +960°C

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

Caution
Refer to Appendix T21 for the installation dimensions and torques

Colour delivered
RAL 7035 light grey
Black (RAL 9005), UV-resistant

Material
Body: polyamide
Sealing ring: special elastomer
O-ring: special elastomer

Protection rating
IP 68 - 5 bar

Temperature range
Fixed: -40°C to +100°C
Dynamic: -20°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® ST-HF-M light grey						
53111407	M 12 x 1,5	4-5,5	15	30.0	8	100
53111417	M 16 x 1,5	4,5-9	19	34.0	8	100
53111427	M 20 x 1,5	7-13	25	37.0	9	100
53111437	M 25 x 1,5	9-17	30	40.0	10	50
53111447	M 32 x 1,5	11-21	36	47.0	10	25
53111457	M 40 x 1,5	19-28	46	52.0	10	10
53111467	M 50 x 1,5	27-35	55	62.0	12	5
53111477	M 63 x 1,5	34-45	66	71.0	12	5
SKINTOP® ST-HF-M black						
53111408	M 12 x 1,5	4-5,5	15	30.0	8	100
53111418	M 16 x 1,5	4,5-9	19	34.0	8	100
53111422	M 20 x 1,5	7-13	25	37.0	9	100
53111438	M 25 x 1,5	9-17	30	40.0	10	50
53111448	M 32 x 1,5	11-21	36	47.0	10	25
53111458	M 40 x 1,5	19-28	46	52.0	10	10
53111468	M 50 x 1,5	27-35	55	62.0	12	5
53111478	M 63 x 1,5	34-45	66	70.0	12	5

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Accessories

- SKINTOP® BRUSH ADD-ON refer to page 694
- SKINTOP® GMP-HF-M refer to page 712



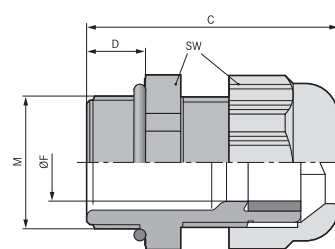
SKINTOP® K-M ATEX plus / SKINTOP® KR-M ATEX plus



SKINTOP® K-M ATEX plus



SKINTOP® KR-M ATEX plus



Benefits

- High degree of protection
- Cold impact resistance
- High strain relief
- Wide, variable clamping ranges
- Permanent vibration protection

Application range

SKINTOP® K-M ATEX plus

- Devices, machines and apparatus of enhanced safety protection type „e“, dust ignition proof „t“
- Equipment group II / Category 2G+1D
- For mobile applications in offshore and marine industries
- Chemical and petrochemical industry

SKINTOP® KR-M ATEX plus

- With reducing seal insert, to seal cables with smaller outer diameters

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

Caution
Refer to the instruction leaflet for the installation dimensions and torques

Certifications
CE 0637 Ex II 2G
Ex eb IIC Ex II 1D
Ex ta IIIC
IECEx IBE 13.0027X

Colour delivered
Black (RAL 9005), UV-resistant

Material
Body: special polyamide
Seal: special elastomer
O-ring: CR

Tests
DIN EN 60079-0
DIN EN 60079-7
DIN EN 60079-31

Protection rating
IP 68 - 10 bar

Temperature range
-20°C to +80°C

Article number	Article designation / size	Clamping range ØF mm	Thread M	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® K-M ATEX plus							
54115200	K-M 12 ATEX plus	3-5,5	12 x 1.5	15	30	8	50
54115210	K-M 16 ATEX plus	7-9	16 x 1.5	19	34	8	50
54115220	K-M 20 ATEX plus	7-13	20 x 1.5	25	38	9	50
54115230	K-M 25 ATEX plus	11-17	25 x 1.5	30	40	10	25
54115240	K-M 32 ATEX plus	12-21	32 x 1.5	36	47	10	25
54115250	K-M 40 ATEX plus	19-28	40 x 1.5	46	52	10	10
54115260	K-M 50 ATEX plus	27-35	50 x 1.5	55	62	12	5
54115270	K-M 63 ATEX plus	37-45	63 x 1.5	66	71	12	5
SKINTOP® KR-M ATEX plus							
54115205	KR-M 12 ATEX plus	2-4	12 x 1.5	15	30	8	50
54115215	KR-M 16 ATEX plus	4-6	16 x 1.5	19	34	8	50
54115225	KR-M 20 ATEX plus	5-10	20 x 1.5	25	38	9	50
54115235	KR-M 25 ATEX plus	6-13	25 x 1.5	30	40	10	25
54115245	KR-M 32 ATEX plus	9-15	32 x 1.5	36	47	10	25
54115255	KR-M 40 ATEX plus	16-23	40 x 1.5	46	52	10	10
54115265	KR-M 50 ATEX plus	22-29	50 x 1.5	55	62	12	5
54115275	KR-M 63 ATEX plus	29-39	63 x 1.5	66	71	12	5

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Accessories

SKINTOP® K-M ATEX plus

- SKINTOP® SDV-M ATEX refer to page 705

SKINTOP® KR-M ATEX plus

- SKINTOP® SDVR-M ATEX refer to page 705



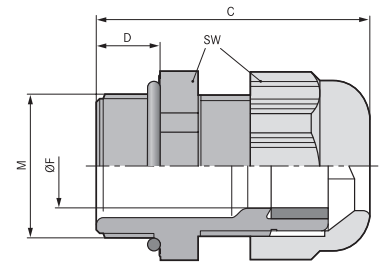
SKINTOP® K-M ATEX plus blue / SKINTOP® KR-M ATEX plus blue



SKINTOP® K-M ATEX plus blue



SKINTOP® KR-M ATEX plus blue



Benefits

- High degree of protection
- Cold impact resistance
- High strain relief
- Wide, variable clamping ranges
- Permanent vibration protection

Application range

SKINTOP® K-M ATEX plus blue

- Intrinsically safe circuits (class „i“) as well as in housings and devices that require class „e“ safety.
- Equipment group II / Category 2G+1D
- For mobile applications in offshore and marine industries
- Chemical and petrochemical industry

SKINTOP® KR-M ATEX plus blue

- With reducing seal insert, to seal cables with smaller outer diameters

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

ETIM	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
Caution	Refer to the instruction leaflet for the installation dimensions and torques
DIN VDE	Certifications CE 0637 Ex II 2G Ex eb IIC Ex II 1D Ex ta IIIC IECEx IBE 13.0027X
RAL	Colour delivered Blue (RAL 5015)
Material	Body: special polyamide Seal: special elastomer O-ring: CR
Tests	DIN EN 60079-0 DIN EN 60079-7 DIN EN 60079-31
IP	Protection rating IP 68 - 10 bar
Temperature range	-20°C to +80°C

Article number	Article designation / size	Clamping range ØF mm	Thread M	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® K-M ATEX plus blue							
54115400	K-M 12 ATEX plus blue	3-5,5	12 x 1,5	15	30	8	50
54115410	K-M 16 ATEX plus blue	7-9	16 x 1,5	19	34	8	50
54115420	K-M 20 ATEX plus blue	7-13	20 x 1,5	25	38	9	50
54115430	K-M 25 ATEX plus blue	11-17	25 x 1,5	30	40	10	25
54115440	K-M 32 ATEX plus blue	12-21	32 x 1,5	36	47	10	25
54115450	K-M 40 ATEX plus blue	19-28	40 x 1,5	46	52	10	10
54115460	K-M 50 ATEX plus blue	27-35	50 x 1,5	55	62	12	5
54115470	K-M 63 ATEX plus blue	37-45	63 x 1,5	66	71	12	5
SKINTOP® KR-M ATEX plus blue							
54115405	KR-M 12 ATEX plus blue	2-4	12 x 1,5	15	30	8	50
54115415	KR-M 16 ATEX plus blue	4-6	16 x 1,5	19	34	8	50
54115425	KR-M 20 ATEX plus blue	5-10	20 x 1,5	25	38	9	50
54115435	KR-M 25 ATEX plus blue	6-13	25 x 1,5	30	40	10	25
54115445	KR-M 32 ATEX plus blue	9-15	32 x 1,5	36	47	10	25
54115455	KR-M 40 ATEX plus blue	16-23	40 x 1,5	46	52	10	10
54115465	KR-M 50 ATEX plus blue	22-29	50 x 1,5	55	62	12	5
54115475	KR-M 63 ATEX plus blue	29-39	63 x 1,5	66	71	12	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

SKINTOP® K-M ATEX plus blue

- SKINTOP® SDV-M ATEX refer to page 705

SKINTOP® KR-M ATEX plus blue

- SKINTOP® SDVR-M ATEX refer to page 705



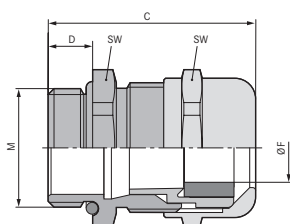
SKINTOP® MS-M / SKINTOP® MSR-M



SKINTOP® MS-M



SKINTOP® MSR-M



Info

- SKINTOP® MS-M sizes 75 x 1.5 to 110 x 2 with innovative double lamella gasket for easier assembling of cables with large diameters.
- With IP69 approval! Proven to withstand the most demanding cleaning procedures for industrial machinery with high-pressure cleaners and hot water!

Benefits

- Maximum reliability
- Optimum strain relief
- Wide, variable clamping ranges

Application range

SKINTOP® MS-M

- In areas where mechanical and chemical stability are critical
- Chemical industry
- Measurement and control technology
- Machine and equipment manufacturing
- Plant engineering

SKINTOP® MSR-M

- With reducing seal insert, to seal cables with smaller outer diameters

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR



Protection rating

IP 68 - 10 bar
IP 69 (M12 - M63)
NEMA Type 1, 4x, 6, 12



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-M						
53112000	M 12 x 1,5	3.5 - 7.0	16	26.5	6.5	100
53112010	M 16 x 1,5	4.5 - 10.0	20	33.0	7	100
53112020	M 20 x 1,5	7 - 13.0	24	37.0	8.5	50
53112030	M 25 x 1,5	9 - 17.0	29	38.5	8	25
53112040	M 32 x 1,5	11 - 21.0	36	45.5	9	25
53112050	M 40 x 1,5	19 - 28.0	45	48.0	9	10
53112060	M 50 x 1,5	27 - 35.0	54	55.5	10	5
53112070	M 63 x 1,5	34 - 45.0	67	67.0	15	5
53112080	M 63 x 1,5 plus	44 - 55.0	75	65.5	15	5
53112510	M 75 x 1,5	58 - 68.0	95	105.0	15	1
53112512	M 90 x 2	66 - 78.0	115	135.5	20	1
53112514	M 110 x 2	86 - 98.0	135	154.0	25	1
SKINTOP® MSR-M						
53112100	M 12 x 1,5	2 - 5.0	16	26.5	6.5	100
53112110	M 16 x 1,5	2 - 7.0	20	33.0	7	100
53112120	M 20 x 1,5	5 - 10.0	24	37.0	8.5	50
53112130	M 25 x 1,5	6 - 13.0	29	38.5	8	25
53112140	M 32 x 1,5	7 - 15.0	36	45.5	9	25
53112150	40 x 1,5	15 - 23.0	45	48.0	9	10
53112160	50 x 1,5	22 - 29.0	54	55.5	10	5
53112170	M 63 x 1,5	28 - 39.0	67	61.3	15	5
53112511	M 75 x 1,5	53 - 63.0	95	105.0	15	1
53112515	M 110 x 2	76 - 88.0	135	154.0	25	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-M AUTOMATION refer to page 714
- SKINTOP® SD-M refer to page 715
- SKINTOP® DV-M refer to page 715

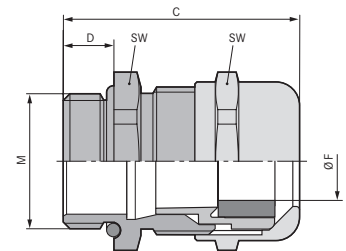


Info

- With IP69 approval! Proven to withstand the most demanding cleaning procedures for industrial machinery with high-pressure cleaners and hot water!



SKINTOP® MS-M-XL SKINTOP® MSR-M-XL



Benefits

- Especially for thick walls
- Maximum reliability
- Optimum strain relief
- Wide, variable clamping ranges

Application range

SKINTOP® MS-M-XL

- With long connection thread for applications involving a thicker wall
- In areas where mechanical and chemical stability are critical
- Chemical industry
- Measurement and control technology
- Machine and equipment manufacturing

SKINTOP® MSR-M-XL

- With reducing seal insert, to seal cables with smaller outer diameters

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR



Protection rating

IP 68 - 10 bar
IP 69
NEMA Type 1, 4x, 6, 12



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-M-XL						
53112005	M 12 x 1,5	3.5 - 7.0	16	32.0	12	100
53112015	M 16 x 1,5	4.5 - 10.0	20	38.0	12	50
53112025	M 20 x 1,5	7 - 13.0	24	41.0	12	50
53112035	M 25 x 1,5	9 - 17.0	29	42.5	12	25
53112045	M 32 x 1,5	11 - 21.0	36	51.5	15	25
53112055	M 40 x 1,5	19 - 28.0	45	54.5	15	10
53112065	M 50 x 1,5	27 - 35.0	54	60.5	15	5
SKINTOP® MSR-M-XL						
53112105	M 12 x 1,5	2 - 5.0	16	32.0	12	100
53112115	M 16 x 1,5	2 - 7.0	20	38.0	12	50
53112125	M 20 x 1,5	5 - 10.0	24	41.0	12	50
53112135	M 25 x 1,5	6 - 13.0	29	42.5	12	25
53112145	M 32 x 1,5	7 - 15.0	36	51.5	15	25
53112155	M 40 x 1,5	15 - 23.0	45	54.5	15	10
53112165	M 50 x 1,5	22 - 29.0	54	60.5	15	5

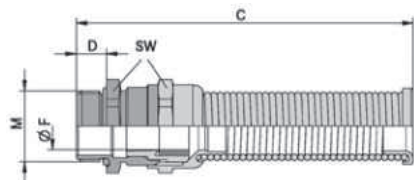
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINTOP® DIX-M refer to page 713
- SKINTOP® DIX-M AUTOMATION refer to page 714
- SKINTOP® SD-M refer to page 715
- SKINTOP® DV-M refer to page 715



SKINTOP® BS-M METAL / SKINTOP® BSR-M METAL



Benefits

- High mechanical stability
- Long service life
- Optimum strain relief
- Wide, variable clamping ranges
- Maximum reliability

Application range

- In areas where mechanical stability are critical
- Portable equipment
- Building sites
- Machine and equipment manufacturing
- Typical fields of application
 - Steel and glass works
 - Cement and ceramic works
 - Foundries
 - Shipbuilding industry
 - Furnace construction

Norm references / Approvals

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- M32 x 1,5 on request

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810



Info

- Permanent bending protection under high mechanical stress

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR
Spiral - springs made of stainless steel



Protection rating

IP 68 - 10 bar
IP 69



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C up to +100°C

Article number	Article designation / size	Ø F mm	Thread length D mm	SW wrench size mm	Overall length C mm	Pieces / PU
SKINTOP® BS-M METAL						
53806759	M 12 x 1,5	3.5 - 7.0	6.5	16	65.0	25
53806760	M 16 x 1,5	4.5 - 10.0	7	20	79.0	25
53806761	M 20 x 1,5	7 - 13.0	8.5	24	95.0	25
53806762	M 25 x 1,5	9 - 17.0	8	29	109.0	25
SKINTOP® BSR-M METAL						
53806769	M 12 x 1,5	1 - 5.0	6.5	16	65.0	25
53806770	M 16 x 1,5	2 - 7.0	7	20	79.0	25
53806771	M 20 x 1,5	5 - 10.0	8.5	24	95.0	25
53806772	M 25 x 1,5	6 - 13.0	8	29	109.0	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



SKINTOP® GRIP-M / SKINTOP® GRIP-M-XL



Info

- New: now also available with long connection thread



Benefits

- Protection against kinking and rip out of cables
- High strain relief
- For high mechanical stress
- Reliable bending and anti-kink protection

Application range

- Saddle clamp strain relief gland for harsh application conditions
- Portable equipment
- Machines and systems on building sites
- Crane and conveying machinery
- Charging infrastructure for EV's

Norm references / Approvals

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444
- Tested according to IEC 62196-1: Conductive charging of electric vehicles

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

- Classification ETIM 5/6**
 ETIM 5.0/6.0 Class-ID: EC000441
 ETIM 5.0/6.0 Class-Description: Cable screw gland
- Caution**
 Refer to the instruction leaflet for the installation dimensions and torques
- Material**
 Body: nickel-plated brass
 Insert: polyamide
 Sealing: CR
 O-ring: NBR
- Protection rating**
 IP 68 - 10 bar
 IP 69
- Temperature range**
 Dynamic: -25°C up to + 100°C
 Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® GRIP-M						
53113180	M 16 x 1,5	4.5 - 10.0	20	41.0	7	25
53113200	M 20 x 1,5	7 - 13.0	24	46.0	8.5	25
53113210	M 25 x 1,5	9 - 17.0	29	48.5	8	25
53113220	M 32 x 1,5	11 - 21.0	36	56.6	9	25
SKINTOP® GRIP-M-XL						
53113185	M 16 x 1,5	4.5 - 10.0	20	46.0	12	25
53113205	M 20 x 1,5	7 - 13.0	24	49.5	12	25
53113215	M 25 x 1,5	9 - 17.0	29	52.5	12	25
53113225	M 32 x 1,5	11 - 21.0	36	62.6	15	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

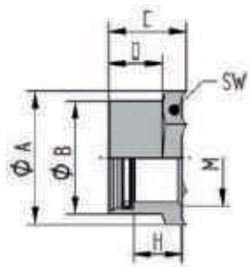
- SKINTOP® BS-M METAL / SKINTOP® BSR-M METAL refer to page 692

Accessories

- SKINDICHT® SM-M refer to page 742



SKINTOP® BRUSH ADD-ON



Benefits

- Optimum, low-resistance 360° screen contact
- Cutting edges cut through the insulating layer of the housing or switch cabinets, thus guaranteeing an optimum EMC contact
- Easy disassembling
- Visible, large-scale screen contact
- Uncomplicated and reliable

Application range

- For EMC-compliant earthing of the copper braiding
- For EMC-contact at through bore-holes
- Control cabinet manufacturing
- Automation systems
- Conveyor and transport systems

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444



Info

- Innovative EMC add-on for SKINTOP® ST(R)-M polyamide cable glands.
- Worlds first patented active EMC lock-nut!

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques
Apply SKINTOP® ST-M torques



Certifications

UL pending



Material

Body: nickel-plated brass
EMC brush: brass



Temperature range

Dynamic: -20°C to +100°C
Depending on the combination of the used cable gland

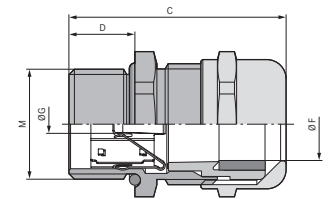
Article number	Article designation / size	Minimum Ø above braiding (mm)	SW wrench size mm	Thread length D mm	Pieces / PU
SKINTOP® BRUSH ADD-ON					
54110839	M 12 x 1,5	4	24	10	25
54110840	M 16 x 1,5	4	24	10	25
54110841	M 20 x 1,5	4	24	10	10
54110842	M 25 x 1,5	5	30	10	10
54110843	M 32 x 1,5	6	39	12	10
54110844	M 40 x 1,5	10	47	12	5
54110845	M 50 x 1,5	12	56	12	5
54110846	M 63 x 1,5	16	66	12	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.





SKINTOP® MS-SC-M



Benefits

- Low-resistance screen contact, optimum EMC protection
- Suitable for cables with and without inner sheath
- Also suitable for continuing the cable screen to another connection
- Highly conductive, flexible EMC contact for clamping various screen diameters
- Few operation steps, easy to assemble

Application range

- For EMC-compliant earthing of the copper braiding
- Telecommunication
- Industrial machinery and plant engineering
- Measurement and control technology
- Automation technology

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

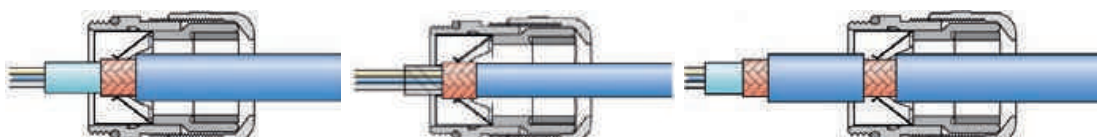
- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland
- Caution**
Refer to Appendix T21 for the installation dimensions and torques
- Note**
In stainless steel V2A available
- Material**
Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR
- Protection rating**
IP 68 - 10 bar
NEMA Type 1, 4x, 6, 12
- Temperature range**
Dynamic: -25°C up to + 100°C
Fixed: -40°C up to +100°C

Article number	Article designation / size	Outer Ø (mm), from - to	Minimum Ø above braiding (mm)	SW wrench size mm	Thread length D mm	Pieces / PU
SKINTOP® MS-SC-M						
53112610	M 12 x 1,5	3.5 - 7.0	1	16	6.5	50
53112620	M 16 x 1,5	4.5 - 10.0	4	20	7	50
53112630	M 20 x 1,5	7.0 - 13.0	5	24	8.5	25
53112640	M 25 x 1,5	9.0 - 17.0	7.5	29	8	25
53112650	M 32 x 1,5	11.0 - 21.0	9	36	9	25
53112660	M 40 x 1,5	19.0 - 28.0	15	45	9	10
53112670	M 50 x 1,5	27.0 - 35.0	21	54	10	5
SKINTOP® MS-SC-M-XL						
53112625	M 16 x 1,5	4.5 - 10.0	4	20	12	50
53112635	M 20 x 1,5	7.0 - 13.0	5	24	12	25
53112645	M 25 x 1,5	9.0 - 17.0	7.5	29	12	25
53112655	M 32 x 1,5	11.0 - 21.0	9	36	15	25
53112665	M 40 x 1,5	19.0 - 28.0	15	45	15	10
53112675	M 50 x 1,5	27.0 - 35.0	21	54	15	5

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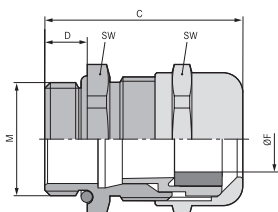
Accessories

- SKINTOP® DIX-M refer to page 713
- SKINDICHT® SM-PE-M refer to page 742
- SKINTOP® DIX-AUTOMATION refer to page 779
- SKINTOP® SD-M refer to page 715
- SKINTOP® DV-M refer to page 715





SKINTOP® MS-M BRUSH



Benefits

- Optimum, low-resistance 360° screen contact
- Faster than any other comparable system
- Uncomplicated and reliable
- Maximum assembly freedom during adjustment

Application range

- For EMC-compliant earthing of the copper braiding
- Automation systems
- High-power drives
- Frequency converters
- Conveyor and transport systems

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810



Info

- NEW: Now also available in size M20x1.5
- SKINTOP® MS-M sizes 75 x 1.5 to 110 x 2 with innovative double lamella gasket for easier assembling of cables with large diameters.

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Cap nut: nickel-plated brass
Insert: polyamide
EMC brush: brass wire
Sealing ring: elastomer
O-ring: elastomer



Protection rating

IP 68 - 10 bar (M12 - M110)
IP 69 (M12 - M63)
NEMA Type 1, 4x, 6, 12



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C to +100°C

Article number	Article designation / size	Outer Ø (mm), from - to	Minimum Ø above braiding (mm)	SW wrench size mm	Thread length D mm	Pieces / PU
SKINTOP® MS-M BRUSH						
53112507	M 20 x 1,5	7.0 - 13.0	3	24	8	25
53112676	M 25 x 1,5	9.0 - 17.0	6	29	8	10
53112677	M 32 x 1,5	11.0 - 21.0	8	36	9	5
53112678	M 40 x 1,5	19.0 - 28.0	10	45	9	5
53112679	M 50 x 1,5	27.0 - 35.0	14	54	10	5
53112680	M 63 x 1,5	34.0 - 45.0	20	67	15	1
53112681	M 63 x 1,5 plus	44.0 - 55.0	25	75	15	1
53112501	M 75 x 1,5	53.0 - 63.0	25	95	15	1
53112500	M 75 x 1,5 plus	58.0 - 68.0	25	95	15	1
53112503	M 90 x 2	66.0 - 78.0	40	115	20	1
53112505	M 110 x 2	76.0 - 88.0	50	135	25	1
53112504	M 110 x 2 plus	86.0 - 98.0	50	135	25	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® BRUSH ADD-ON refer to page 694
- SKINTOP® MS-SC-M refer to page 695

Accessories

- SKINTOP® DIX-M refer to page 713
- SKINDICHT® SM-PE-M refer to page 742
- SKINTOP® DIX-AUTOMATION refer to page 779
- SKINTOP® SD-M refer to page 715
- SKINTOP® DV-M refer to page 715





SKINTOP® COLD / SKINTOP® COLD-R



Info

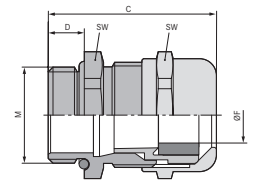
- For extreme sub-zero temperatures



SKINTOP® COLD



SKINTOP® COLD-R



Benefits

- High cold-resistance
- Cold impact resistance
- High mechanical stability
- Optimum strain relief
- Wide, variable clamping ranges

Application range

SKINTOP® COLD

- In areas where mechanical stability and high cold-resistance are critical
- Air-conditioning technology
- Freezing plants, cold storage
- Offshore sector
- Plant engineering

SKINTOP® COLD-R

- With reducing seal insert, to seal cables with smaller outer diameters

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Insert: special polyamide
Sealing ring: silicone
O-ring: silicone



Protection rating

IP 68 - 10 bar (M12 - M20)
IP 68 - 5 bar (M25 - M63)
NEMA Type 1, 2, 4x, 6, 12



Temperature range

-70°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® COLD						
53113500	M 12 x 1,5	3,5-7	16	26.5	6.5	100
53113510	M 16 x 1,5	4,5-10	20	33.0	7	100
53113520	M 20 x 1,5	7-13	24	37.0	8.5	50
53113530	M 25 x 1,5	9-17	29	38.5	8	25
53113540	M 32 x 1,5	11-21	36	45.5	9	25
53113550	M 40 x 1,5	19-28	45	48.0	9	10
53113560	M 50 x 1,5	27-35	54	55.5	10	5
53113570	M 63 x 1,5	34-45	67	67.0	15	5
SKINTOP® COLD-R						
53113600	M 12 x 1,5	1-5	16	26.5	6.5	100
53113610	M 16 x 1,5	2-7	20	33.0	7	100
53113620	M 20 x 1,5	5-10	24	37.0	8.5	50
53113630	M 25 x 1,5	6-13	29	38.5	8	25
53113640	M 32 x 1,5	7-15	36	45.5	9	25
53113650	M 40 x 1,5	15-23	45	48.0	9	10
53113660	M 50 x 1,5	22-29	54	55.5	10	5
53113670	M 63 x 1,5	28-39	67	67.0	15	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742

Cable glands

SKINTOP® cable glands nickel-plated brass metric • Industrial connectors



SKINTOP® MS-IS-M



Benefits

- Short connection thread for more space inside the industrial connectors
- Wide, variable clamping ranges
- Optimum strain relief

Application range

- Specially designed for use on industrial connectors

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Included

- Rectangular connector is not included, just the cable gland

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR



Protection rating

IP 68 - 5 bar



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C up to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-IS-M						
53112780	M 25 x 1,5	11-18	30	37.0	5	25
53112790	M 32 x 1,5	16-25	40	43.0	5	25

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Accessories

- SKINTOP® DIX-M refer to page 713

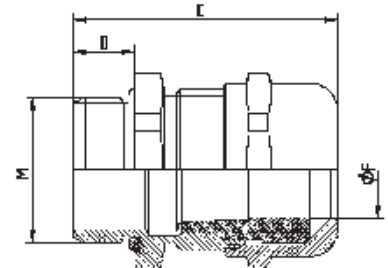


SKINTOP® MS-HF-M



Info

- Cable gland for railway applications
- Hazard Level: HL 3



Benefits

- Halogen-free and flame-retardant
- Optimum strain relief
- Wide, variable clamping ranges
- Maximum reliability

Application range

- Underground railways and trains
- In areas where mechanical and chemical stability are critical
- When the protection of people and property is a priority

Norm references / Approvals

- DIN EN 45545-2 (HL3)
- DIN EN 45545-3 (E30)

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland
- Caution**
Refer to Appendix T21 for the installation dimensions and torques
- Material**
Body: nickel-plated brass
Insert: halogenfree polyamide acc. to UL 94 V0
Sealing: special elastomere
O-ring: special elastomere
- Protection rating**
IP 68 - 5 bar
- Temperature range**
Dynamic: -25°C up to + 100°C
Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-HF-M						
53112570	M 12 x 1,5	3,5-7	16	26,5	6,5	100
53112571	M 16 x 1,5	4,5-10	20	33,0	7	100
53112572	M 20 x 1,5	7-13	24	37,0	8	50
53112573	M 25 x 1,5	9-17	29	38,5	8	25
53112574	M 32 x 1,5	11-21	36	45,5	9	25
53112575	M 40 x 1,5	19-28	45	48,0	9	10
53112576	M 50 x 1,5	27-35	54	55,5	10	5
53112577	M 63 x 1,5	34-45	67	67,0	15	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

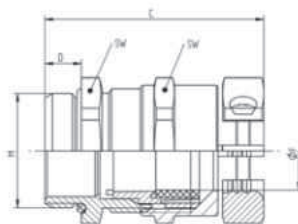
- SKINDICHT® SM-M refer to page 742

Cable glands

SKINTOP® cable glands nickel-plated brass metric • Halogen-free



SKINTOP® MS-HF-M GRIP



Info

- Cable gland for railway applications
- Hazard Level: HL 3

Benefits

- Halogen-free and flame-retardant
- Reliable bending and anti-kink protection
- High strain relief
- For high mechanical stress

Application range

- Saddle clamp strain relief gland for harsh application conditions
- Portable equipment
- Machines and systems on building sites
- Crane and conveying machinery
- Plant engineering

Norm references / Approvals

- DIN EN 45545-2 (HL3)
- DIN EN 45545-3 (E30)

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to the instruction leaflet for the installation dimensions and torques



Material

Body: nickel plated brass
Insert: halogen-free polyamid acc. to UL 94 V0
Sealing: special elastomer
O-ring: special elastomer



Protection rating

IP 68 - 5 bar



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C up to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-HF-M GRIP						
53112551	M 16 x 1,5	4,5-10	20	41.0	7	25
53112552	M 20 x 1,5	7-13	24	46.0	8,5	25
53112553	M 25 x 1,5	9-17	29	48.5	8	25
53112554	M 32 x 1,5	11-21	36	56.6	9	25

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Accessories

- SKINDICHT® SM-M refer to page 742

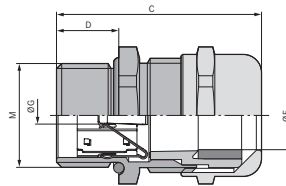


SKINTOP® MS-HF-M SC



Info

- Cable gland for railway applications
- Hazard Level: HL 3



Benefits

- Halogen-free and flame-retardant
- Suitable for cables with and without inner sheath
- Low-resistance screen contact, optimum EMC protection
- Highly conductive, flexible EMC contact for clamping various screen diameters
- Few operation steps, easy to assemble

Application range

- Underground railways and trains
- For EMC-compliant earthing of the copper braiding
- Industrial machinery and plant engineering
- Measurement and control technology
- Automation technology

Norm references / Approvals

- DIN EN 45545-2 (HL3)
- DIN EN 45545-3 (E30)

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel plated brass
Insert: halogen-free polyamid acc. to UL 94 V0
Sealing: special elastomer
O-ring: special elastomer



Protection rating

IP 68 - 5 bar



Temperature range

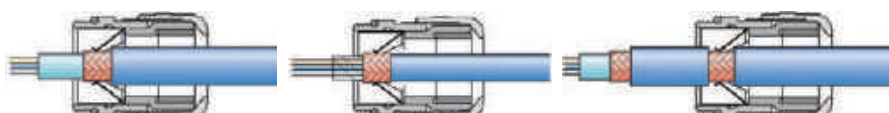
Dynamic: -25°C up to + 100°C
Fixed: -40°C up to + 100°C

Article number	Article designation / size	Ø F mm	Minimum Ø above braiding (mm)	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-HF-M SC							
53112530	M 12 x 1,5	3,5-7	1	16	26,5	6,5	50
53112531	M 16 x 1,5	4,5-10	4	20	33,0	7	50
53112532	M 20 x 1,5	7-13	5	24	37,0	8,5	25
53112533	M 25 x 1,5	9-17	7,5	29	38,5	8	25
53112534	M 32 x 1,5	11-21	9	36	45,5	9	25
53112535	M 40 x 1,5	19-28	15	45	48,0	9	10
53112536	M 50 x 1,5	27-35	21	54	55,5	10	5

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Accessories

- SKINDICHT® SM-PE-M refer to page 742



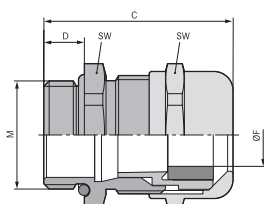
Cable glands



SKINTOP® cable glands nickel-plated brass metric • Halogen-free



SKINTOP® MS-HF-M BRUSH



Info

- Cable gland for railway applications
- Hazard Level: HL 3

Benefits

- Halogen-free and flame-retardant
- Optimum, low-resistance 360° screen contact
- Faster than any other comparable system
- Maximum reliability
- Maximum assembly freedom during adjustment

Application range

- Underground railways and trains
- Automation systems
- High-power drives
- Frequency converters
- Conveyor and transport systems

Norm references / Approvals

- DIN EN 45545-2 (HL3)
- DIN EN 45545-3 (E30)

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel plated brass
Insert: halogen-free polyamide acc. to UL 94 V0
EMC-brush: brass wire
Sealing: special elastomere
O-ring: special elastomere



Protection rating

IP 68 - 5 bar



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	Minimum Ø above braiding (mm)	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-HF-M BRUSH							
53112543	M 25 x 1,5	9-17	6	29	36.0	8	10
53112544	M 32 x 1,5	11-21	8	36	42.2	9	5
53112545	M 40 x 1,5	19-28	10	45	49.5	9	5
53112546	M 50 x 1,5	27-35	14	54	52.0	10	5
53112547	M 63 x 1,5	34-45	20	67	61.3	15	1

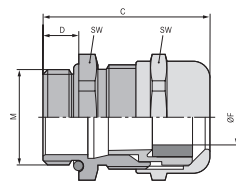
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Accessories

- SKINDICHT® SM-PE-M refer to page 742



SKINTOP® MS-M ATEX / SKINTOP® MSR-M ATEX



SKINTOP® MS-M ATEX



SKINTOP® MSR-M ATEX

Benefits

- Cold impact resistance
- High strain relief
- Wide, variable clamping ranges
- Maximum reliability

Application range

SKINTOP® MS-M ATEX

- Devices, machines and apparatus of enhanced safety protection type „e“, dust ignition proof „t“
- Equipment group II / Category 2G+1D
- For mobile applications in offshore and marine industries
- Chemical and petrochemical industry

SKINTOP® MSR-M ATEX

- With reducing seal insert, to seal cables with smaller outer diameters

Product features

SKINTOP® MS-M ATEX

- SKINTOP® MS-M-XL ATEX is similar to the SKINTOP® MS-M ATEX, but has an extended connection thread for thick walls

Norm references / Approvals

SKINTOP® MS-M ATEX

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

Caution
Refer to the instruction leaflet for the installation dimensions and torques

Certifications
CE 0637 Ex II 2G
Ex eb IIC Ex II 1D
Ex ta IIIC
IECEx IBE 13.0026X

Material
Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR

Tests
DIN EN 60079-0
DIN EN 60079-7
DIN EN 60079-31

Protection rating
IP 68 - 10 bar
IP 66
NEMA Type 1, 4x, 6, 12

Temperature range
-30°C to +90°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-M ATEX						
53112700	M 12 x 1,5	3.0 - 7.0	16	26.5	6.5	100
53112710	M 16 x 1,5	4.5 - 10.0	20	33.0	7	100
53112720	M 20 x 1,5	7.0 - 13.0	24	37.0	8.5	50
53112730	M 25 x 1,5	9.0 - 17.0	29	38.5	8	25
53112740	M 32 x 1,5	11.0 - 21.0	36	45.5	9	25
53112750	M 40 x 1,5	19.0 - 28.0	45	48.0	9	10
53112760	M 50 x 1,5	26.0 - 35.0	54	55.5	10	5
53112770	M 63 x 1,5	34.0 - 45.0	67	67.0	15	5
53112779	M 63 x 1,5 plus	44.0 - 55.0	75	65.5	15	1
SKINTOP® MS-M-XL ATEX						
53112800	M 12 x 1,5	3.0 - 7.0	16	26.0	12	100
53112810	M 16 x 1,5	4.5 - 10.0	20	33.0	12	100
53112820	M 20 x 1,5	7.0 - 13.0	24	37.0	12	50
53112830	M 25 x 1,5	9.0 - 17.0	29	38.5	12	25
53112840	M 32 x 1,5	11.0 - 21.0	36	45.5	15	25
53112850	M 40 x 1,5	19.0 - 28.0	45	48.0	15	10
53112860	M 50 x 1,5	26.0 - 35.0	54	55.5	15	5
SKINTOP® MSR-M ATEX						
53112705	M 12 x 1,5	2.0 - 5.0	16	26.5	6.5	100
53112715	M 16 x 1,5	4.0 - 7.0	20	33.0	7	100
53112725	M 20 x 1,5	5.0 - 10.0	24	37.0	8.5	50
53112735	M 25 x 1,5	6.0 - 13.0	29	38.5	8	25
53112745	M 32 x 1,5	7.0 - 15.0	36	45.5	9	25
53112755	M 40 x 1,5	16.0 - 23.0	45	48.0	9	10
53112765	M 50 x 1,5	19.0 - 29.0	54	55.5	10	5
53112775	M 63 x 1,5	32.0 - 39.0	67	67.0	15	5

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Accessories

SKINTOP® MS-M ATEX

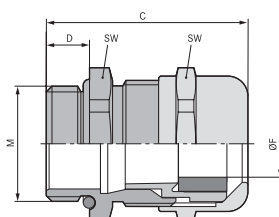
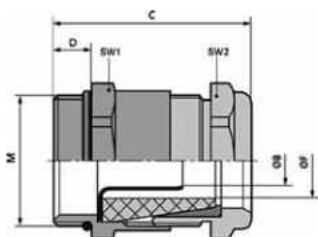
- SKINTOP® SDV-M ATEX refer to page 705

SKINTOP® MSR-M ATEX

- SKINTOP® SDVR-M ATEX refer to page 705



SKINTOP® MS-M ATEX BRUSH



Benefits

- Faster and less complicated assembling than any other system
- Optimum, low-resistance 360° screen contact
- Simple cable adjustment
- Easy to uninstall
- Anti-static, safe, and impact-resistant at cold temperatures

Application range

- For EMC-compliant earthing of the copper braiding
- Chemical and petrochemical industry
- Plant engineering
- Equipment group II / Category 2G+1D
- Devices, machines and apparatus of enhanced safety protection type „e“, dust ignition proof „t“

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SHVE-M 20 x 1.5 ATEX design with EMC earthing sleeve to cover smaller cable clamping ranges
- SKINDICHT® SHVE-M 20x1,5 ATEX is not IECEx certified

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

Caution
Refer to the instruction leaflet for the installation dimensions and torques

Certifications
CE 0637 Ex II 2G
Ex eb IIC Ex II 1D
Ex ta IIIC
IECEx IBE 13.0026X

Material
SKINTOP® MS-M ATEX BRUSH
Body: nickel plated brass
Insert: special polyamide
EMV-Brush: brass
Seal: special elastomer
O-Ring: special elastomer

SKINDICHT® SHVE-M ATEX
Body: nickel plated brass
Earthing sleeve: brass
Seal: special elastomer
O-Ring: special elastomer

Tests
DIN EN 60079-0
DIN EN 60079-7
DIN EN 60079-31

IP **Protection rating**
IP 68 - 10 bar

Temperature range
SKINTOP® MS-M ATEX BRUSH
-30°C to +90°C
SKINDICHT® SHVE-M ATEX
-20°C to +80°C

Article number	Article designation / size	Outer Ø (mm), from - to	Minimum Ø above braiding (mm)	SW wrench size mm	Thread length D mm	Pieces / PU
SKINDICHT® SHVE-M ATEX						
52107102	M 20 x 1,5	6.9 - 8.9	5	22	6	10
SKINTOP® MS-M ATEX BRUSH						
52110023	M 25 x 1,5	9.0 - 17.0	6	29	8	10
52110024	M 32 x 1,5	11.0 - 21.0	8	36	9	5
52110025	M 40 x 1,5	19.0 - 28.0	10	45	9	5
52110026	M 50 x 1,5	27.0 - 35.0	14	54	10	5
52110027	M 63 x 1,5	34.0 - 45.0	20	67	15	1
52110028	M 63 x 1,5 plus	44.0 - 55.0	25	75	15	1

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Accessories

- SKINTOP® SDV-M ATEX refer to page 705



SKINTOP® SDV-M ATEX / SKINTOP® SDVR-M ATEX



Benefits

- Permanent and secure sealing for areas with risks of explosion
- Easy to assemble
- High degree of protection

Application range

SKINTOP® SDV-M ATEX

- SKINTOP® SDV-M is used together with SKINTOP® MS-M ATEX, MS-M ATEX BRUSH or SKINTOP® K-M ATEX plus (blue)
- Equipment group II / Category 2G+1D

SKINTOP® SDVR-M ATEX

- SKINTOP® SDVR-M is used together with SKINTOP® MSR-M ATEX or SKINTOP® KR-M ATEX plus (blue)
- Equipment group II / Category 2G+1D

Note

SKINTOP® SDV-M ATEX

- Outside areas with a risk of explosion, also suitable for use in combination with SKINTOP® ST-M and SKINTOP® MS-M

SKINTOP® SDVR-M ATEX

- Outside areas with a risk of explosion, also suitable for use in combination with SKINTOP® STR-M and SKINTOP® MSR-M

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	Caution Refer to the instruction leaflet for the installation dimensions and torques
	Material CR
	Protection rating IP 68 - 10 bar
	Temperature range -30°C to +70°C Short-term: up to +90°C

Article number	Article designation / size	Visible height (mm)	Pieces / PU
SKINTOP® SDV-M ATEX			
54113002	M 12 ATEX	3.0	50
54113012	M 16 ATEX	3.0	50
54113022	M 20 ATEX	3.5	50
54113032	M 25 ATEX	3.5	50
54113042	M 32 ATEX	4.0	25
54113052	M 40 ATEX	4.0	25
54113062	M 50 ATEX	4.5	10
54113072	M 63 ATEX	4.5	5
SKINTOP® SDVR-M ATEX			
54113013	M 16 ATEX	4.0	50
54113023	M 20 ATEX	5.0	50
54113033	M 25 ATEX	5.0	50
54113043	M 32 ATEX	5.5	25

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Cable glands



SKINTOP® cable glands nickel-plated brass metric • Flat cable



SKINTOP® FLAT

Cable gland with sealing insert for flat cables



Info

- Innovative, patented sealing construction enables IP68 over the entire clamping range

Benefits

- Specially designed sealing insert enables very high IP protection
- Wide, variable clamping ranges
- Suitable for both angular and round cable contours
- Even pressure distribution on the flat cable
- Halogen-free

Application range

- For inserting flat cables
- Conveyor and transport systems, indoor cranes and high-rack facilities
- Lifts
- Cable trolley systems
- Submersible pumps

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Technical information referring to DIN IEC 62444

Note

- Size M 63 x 1.5 and M 63 x 1.5 plus in preparation

Suitable tools

- SKINMATIC® QUICK Set 1 refer to page 809
- SKINMATIC® MH Set refer to page 809
- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Tightening torques see installation instructions



Material

Body: Nickel-plated brass
Insert: Polyamid
Sealing: NBR
O-Ring: NBR



Protection rating

IP 68 - 5 bar



Temperature range

-20°C to +100°C

Article number	Article designation / size	Cable width min. / max. mm	Cable thickness min. / max. mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® FLAT							
53119375	M 25 x 1,5	11-16	3-6	29	37.5	8	5
53119376	M 32 x 1,5	15 - 20	3 - 7	36	42.2	9	5
53119377	M 40 x 1,5	18 - 28	3 - 9	45	49.5	9	5
53119378	M 50 x 1,5	26 - 33	5 - 11	54	52.0	10	5

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Accessories

- SKINDICHT® SM-M refer to page 742

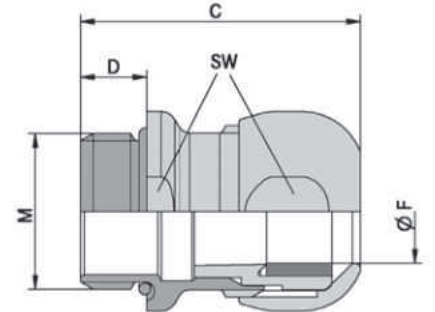


SKINTOP® INOX / SKINTOP® INOX-R



Info

- Stainless steel version with compact design
- For use in the splash zone in the food production



Benefits

- Corrosion-resistant
- Sea water-resistant
- Smooth surfaces - no edges
- Compact design
- Wide, variable clamping ranges

Application range

- Onshore and offshore applications
- Bottling plants and breweries
- Food industry (product-free zone, splash zone)

Norm references / Approvals

- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry
- DIN EN 1672-2
Guideline for the design of machinery
- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery
- NSF/ANSI 169
Hygienic design for machinery and components

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland
- Material**
Body: stainless steel V4A (1.4404 / 316L)
Insert: polyamide
Sealing: silicone
O-Ring: silicone
- Protection rating**
IP 68 - 10 bar (M12 - M20)
IP 68 - 5 bar (M25 - M50)
IP 69
NEMA Type 1, 2, 4x, 6, 12
- Temperature range**
-40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® INOX						
53806739	M 12 x 1,5	4-7	16	29.3	6.5	5
53806740	M 16 x 1,5	6-10	20	32.4	7	5
53806741	M 20 x 1,5	7-13	24	35.5	8	5
53806742	M 25 x 1,5	9-17	29	39.2	8	5
53806743	M 32 x 1,5	11-21	36	44.6	9	5
53806744	M 40 x 1,5	19-28	45	51.2	9	5
53806745	M 50 x 1,5	27-35	54	56.2	10	5
SKINTOP® INOX-R						
53806749	M 12 x 1,5	3-5	16	29.3	6.5	5
53806750	M 16 x 1,5	5-7	20	32.4	7	5
53806751	M 20 x 1,5	6-10	24	35.5	8	5
53806752	M 25 x 1,5	7-13	29	39.2	8	5
53806753	M 32 x 1,5	8-15	36	44.6	9	5
53806754	M 40 x 1,5	15-23	45	51.2	9	5
53806755	M 50 x 1,5	22-29	54	56.2	10	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M INOX refer to page 743



SKINTOP® INOX SC



Info

- Stainless steel version with compact design
- Optimum EMC protection

Benefits

- Smooth surfaces - no edges
- Compact design
- Wide, variable clamping ranges
- Low-resistance screen contact, optimum EMC protection
- Highly conductive, flexible EMC contact for clamping various screen diameters

Application range

- For EMC-compliant earthing of the copper braiding
- Pharmaceutical industry
- Food industry (product-free zone, splash zone)
- Onshore and offshore applications
- Bottling plants and breweries

Norm references / Approvals

- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery
- DIN EN 1672-2
Guideline for the design of machinery
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry
- NSF/ANSI 169
Hygienic design for machinery and components

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

Caution
Refer to the instruction leaflet for the installation dimensions and torques

Material
Body: stainless steel V4A (1.4404 / 316L)
Insert: polyamide
Sealing: silicone
O-Ring: silicone

Protection rating
IP 68 - 10 bar (M12 - M20)
IP 68 - 5 bar (M25 - M50)
IP 69
NEMA Type 1, 2, 4x, 6, 12

Temperature range
-40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® INOX SC						
53806720	M 12 x 1,5	4-7	16	29.3	6.5	5
53806722	M 16 x 1,5	6-10	20	32.4	7	5
53806724	M 20 x 1,5	7-13	24	35.5	8	5
53806726	M 25 x 1,5	9-17	29	39.2	8	5
53806728	M 32 x 1,5	11-21	36	44.6	9	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® INOX / SKINTOP® INOX-R refer to page 707

Accessories

- SKINDICHT® SM-PE-M refer to page 742
- SKINDICHT® SM-M INOX refer to page 743

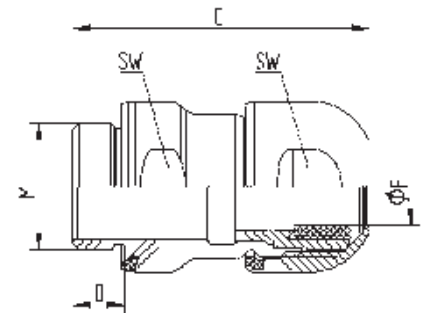


SKINTOP® HYGIENIC / SKINTOP® HYGIENIC-R



Info

- New: Available up to size M40x1,5
- Ideal for hygienic critical areas - resistant, edge-free, robust and reliable
- No gaps, voids or outer lying thread - so no risk of contamination of food machines, facilities or components



Benefits

- Hygienic Design for ideal cleaning results
- Smooth surfaces and no edges prevent the accumulation of fluids and formation of micro-organisms

Application range

- Food machinery, equipment and components
- For use in **product zone**
- Pharmaceutical industry

Norm references / Approvals

- EHEDG (TYPE EL Class I AUX)
Hygienic design for machinery and components
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry
- FDA 21 CFR 177.2600
Special sealing element for food and beverage industry in North America
- DIN EN 1672-2
Guideline for the design of machinery
- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery
- NSF/ANSI 169
Hygienic design for machinery and components

Product Make-up

- Material and shape provide an easy and safe cleaning
- By the blue coloring of the sealing material clearly distinguishable from foodstuffs
- One complete assembly is easily mounted from the outside
- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Installation wrench for very high packing density on request

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Certifications UL approval for M32x1,5 and M40x1,5 pending
	Material Body: stainless steel - V4A (1.4404 / 316L) Insert: polyamide Sealing: special elastomer
	Protection rating IP 68 - 10 bar IP 69 NEMA Type 1, 2, 4x, 6, 12
	Temperature range -20°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® HYGIENIC						
53105100	M 12 x 1,5	4-6	16	38.4	6.5	5
53105110	M 16 x 1,5	6,5-9	20	41.4	7	5
53105120	M 20 x 1,5	9-12	24	46.4	8	5
53105130	M 25 x 1,5	11,5-15,5	29	48.9	8	5
53105140	M 32 x 1,5	16-20	36	56.0	9	5
53105141	M 40 x 1,5	22-27	45	62.0	9	5
SKINTOP® HYGIENIC-R						
53105200	M 12 x 1,5	3-4,5	16	38.4	6.5	5
53105210	M 16 x 1,5	4,5-7	20	41.4	7	5
53105220	M 20 x 1,5	7-10	24	46.4	8	5
53105230	M 25 x 1,5	9-12,5	29	48.9	8	5
53105240	M 32 x 1,5	12,5-16,5	36	56.0	9	5
53105142	M 40 x 1,5	18-23	45	62.0	9	5

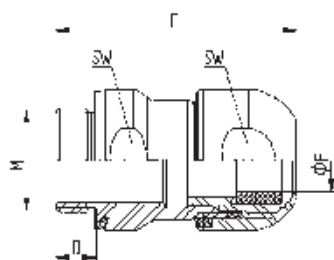
Other sizes are available upon request.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M INOX refer to page 743

SKINTOP® cable glands stainless steel metric • Standard

**SKINTOP® HYGIENIC SC****Info**

- New: Available up to size M40x1,5
- Ideal for hygienic critical areas - resistant, edge-free, robust and reliable
- No gaps, voids or outer lying thread - so no risk of contamination of food machines, facilities or components

Benefits

- Low-resistance screen contact, optimum EMC protection
- Highly conductive, flexible EMC contact for clamping various screen diameters
- Hygienic Design for ideal cleaning results
- Smooth surfaces and no edges prevent the accumulation of fluids and formation of micro-organisms

Application range

- For EMC-compliant earthing of the copper braiding
- Food machinery, equipment and components
- For use in **product zone**
- Pharmaceutical industry

Norm references / Approvals

- EHEDG (TYPE EL Class I AUX)
Hygienic design for machinery and components
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry
- FDA 21 CFR 177.2600
Special sealing element for food and beverage industry in North America

- DIN EN 1672-2
Guideline for the design of machinery
- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery
- NSF/ANSI 169
Hygienic design for machinery and components

Product Make-up

- Material and shape provide an easy and safe cleaning
- By the blue coloring of the sealing material clearly distinguishable from foodstuffs
- One complete assembly is easily mounted from the outside
- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings
- Installation wrench for very high packing density on request

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

**Certifications**

UL approval for M32x1,5 and M40x1,5 pending

**Material**

Body: stainless steel - V4A (1.4404 / 316L)
Insert: polyamide
Sealing: special elastomer

**Protection rating**

IP 68 - 10 bar
IP 69
NEMA Type 1, 2, 4x, 6, 12

**Temperature range**

-20°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® HYGIENIC SC						
53105300	M 12 x 1,5	4-6	16	38.4	6.5	5
53105301	M 16 x 1,5	6,5-9	20	41.4	7	5
53105302	M 20 x 1,5	9-12	24	46.4	8	5
53105303	M 25 x 1,5	11,5-15,5	29	48.9	8	5
53105314	M 32 x 1,5	16-20	36	56.0	9	5
53105315	M 40 x 1,5	22-27	45	62.0	9	5

Other sizes are available upon request.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® HYGIENIC / SKINTOP® HYGIENIC-R refer to page 709

Accessories

- SKINDICHT® SM-PE-M refer to page 742
- SKINDICHT® SM-M INOX refer to page 743

SKINTOP® GMP-GL-M



Benefits

- Glass fibre-reinforced for maximum mechanical stability
- Supporting surface for spanner means scratches on the housing are avoided

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- UL approval only when used with the UL-approved SKINTOP® polyamide cable glands

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000940
ETIM 5.0/6.0 Class-Description:
Locknut for cable screw gland



On request

Available without collar
(without surface for assembling tool)



Colour delivered

Silver grey (RAL 7001)
Light grey (RAL 7035)
Black (RAL 9005), UV-resistant



Material

Polyamide, glass fibre-reinforced



Temperature range

Fixed: -40°C to +100°C
Dynamic: -20°C to +100°C

Article number	Article designation / size	SW wrench size mm	Pieces / PU
SKINTOP® GMP-GL-M silver grey			
53119000	M 12 x 1,5	17	100
53119010	M 16 x 1,5	22	100
53119020	M 20 x 1,5	27	100
53119030	M 25 x 1,5	34	100
53119040	M 32 x 1,5	41	100
53119050	M 40 x 1,5	50	25
53119060	M 50 x 1,5	60	25
53119070	M 63 x 1,5	75	25
SKINTOP® GMP-GL-M black			
53119100	M 12 x 1,5	17	100
53119110	M 16 x 1,5	22	100
53119120	M 20 x 1,5	27	100
53119130	M 25 x 1,5	34	100
53119140	M 32 x 1,5	41	100
53119150	M 40 x 1,5	50	25
53119160	M 50 x 1,5	60	25
53119170	M 63 x 1,5	75	25
SKINTOP® GMP-GL-M light grey			
53119003	M 12 x 1,5	17	100
53119013	M 16 x 1,5	22	100
53119023	M 20 x 1,5	27	100
53119033	M 25 x 1,5	34	100
53119043	M 32 x 1,5	41	100
53119053	M 40 x 1,5	50	25
53119063	M 50 x 1,5	60	25
53119073	M 63 x 1,5	75	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® GMP-HF-M refer to page 712



SKINTOP® GMP-HF-M



Benefits

- Halogen-free
- Extremely flame-retardant according to UL 94 V0
- Self-extinguishing, no dripping

Application range

- Airports
- Tunnel construction
- Underground railways
- Public buildings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Designed for use with SKINTOP® ST-HF-M

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000940
ETIM 5.0/6.0 Class-Description:
Locknut for cable screw gland



Colour delivered

Light grey (RAL 7035)



Material

halogenfree polyamide acc. to UL 94 V0



Temperature range

Fixed: -40°C to +100°C
Dynamic: -20°C to +100°C

Article number	Article designation / size	SW wrench size mm	PU
SKINTOP® GMP-HF-M			
53119200	M 12 x 1,5	17	100
53119210	M 16 x 1,5	22	100
53119220	M 20 x 1,5	27	100
53119230	M 25 x 1,5	34	100
53119240	M 32 x 1,5	41	100
53119250	M 40 x 1,5	50	25
53119260	M 50 x 1,5	60	25
53119270	M 63 x 1,5	75	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINTOP® DIX-M

Benefits

- Easy insertion of several cables into one gland
- Higher packing density allows smaller part construction

Application range

- For use in SKINTOP® cable glands
- A sealing ring with several holes is used in place of the inner sealing insert
- SKINTOP® DIX-M FKM is resistant to oil, water, alkaline solutions, acids, solvents etc.

Note

- IP 68 can be achieved when all openings are closed and all bores are optimally occupied, i.e. when using cables with nominal diameter and/or SKINTOP® DIX-DV sealing plugs

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	On request Special shapes
	Colour delivered Black, RAL 9005
	Material NBR FKM
	Protection rating IP 54
	Temperature range -50°C to +100°C



Article number	Article designation / size	Size M	Number of cables x cable Ø	Pieces / PU
SKINTOP® DIX-M				
53316220	16220	M 16	2 x 2.0	100
53316230	16230	M 16	2 x 3.0	100
53316240	16240	M 16	2 x 4.0	100
53316420	16420	M 16	4 x 2.0	100
53320250	20250	M 20	2 x 5.0	100
53320260	20260	M 20	2 x 6.0	100
53320340	20340	M 20	3 x 4.0	100
53320353	20353	M 20	3 x 5.3	100
53320440	20440	M 20	4 x 4.0	100
53320920	20920	M 20	9 x 2.0	100
53320430	20430	M 20	4 x 3.0	100
53325260	25260	M 25	2 x 6.0	50
53325250	25250	M 25	2 x 5.0	50
53325350	25350	M 25	3 x 5.0	50
53325360	25360	M 25	3 x 6.0	50
53325370	25370	M 25	3 x 7.0	50
53325450	25450	M 25	4 x 5.0	50
53325540	25540	M 25	5 x 4.0	50
53325640	25640	M 25	6 x 4.0	50
53332270	32270	M 32	2 x 7.0	50
53332280	32280	M 32	2 x 8.0	50
53332290	32290	M 32	2 x 9.0	50
53332370	32370	M 32	3 x 7.0	50
53332380	32380	M 32	3 x 8.0	50
53332460	32460	M 32	4 x 6.0	50
53332470	32470	M 32	4 x 7.0	50
53332560	32560	M 32	5 x 6.0	50
53332650	32650	M 32	6 x 5.0	50
53332840	32840	M 32	8 x 4.0	50
53332850	32850	M 32	8 x 5.0	50
53332940	32940	M 32	9 x 4.0	50
53340290	40290	M 40	2 x 9.0	25
53340310	40310	M 40	3 x 10.0	25
53340480	40480	M 40	4 x 8.0	25
53340490	40490	M 40	4 x 9.0	25
53340580	40580	M 40	5 x 8.0	25
53340590	40590	M 40	5 x 9.0	25
53340670	40670	M 40	6 x 7.0	25
53340860	40860	M 40	8 x 6.0	25
53340969	40969	M 40	9 x 6.9	25
53350118	50118	M 50	11 x 8.0	10
53350680	50680	M 50	6 x 8.0	10
53350780	50780	M 50	7 x 8.0	10
53350870	50870	M 50	8 x 7.0	10
53350147	50147	M 50	14 x 7.0	10
53350164	50164	M 50	16 x 4.0	10
53350166	50166	M 50	16 x 6.0	10
SKINTOP® DIX-M FKM				
53420250	20250	M 20	2 x 5.0	100
53420260	20260	M 20	2 x 6.0	100
53440969	40969	M 40	9 x 6.9	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® DIX-DV refer to page 715

Cable glands



SKINTOP® cable gland accessories metric • Multiple sealing inserts/dust protection



SKINTOP® DIX-M AUTOMATION



Benefits

- Optimal seal when using AS-I bus cables
- Easy insertion of pre-assembled cables (with fieldbus or RJ-45 connector)
- Strain relief

Application range

- For use in SKINTOP® cable glands
- A sealing ring with several holes is used in place of the inner sealing insert
- Control cabinets
- Control panels
- Automation technology

Note

- IP 68 can be achieved if the hole is optimally occupied, i.e. when using standard AS-I bus cables

Product Make-up

- Precise cut for AS-I bus cables
- Seal with hole and cut for easy insertion of pre-assembled field bus cables

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	Colour delivered Black, RAL 9005
	Material NBR
	Protection rating IP 54
	Temperature range -40 °C to +100 °C

Article number	Article designation / size	Number of cables x cable Ø	Pieces / PU
SKINTOP® DIX-M ASI			
53611001	M 20	1 x AS-I	50
SKINTOP® DIX-M ASI DUO			
53611004	M 25	2 x AS-I	50
SKINTOP® DIX-M CUT			
53440980	M 25	1 x 5.4	50
53310450	M 25	1 x 8.0	50
53440970	M 32	1 x 6.5	50
53310444	M 40	3 x 10.0	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.





SKINTOP® DIX-DV / SKINTOP® SD-M / SKINTOP® DV-M



SKINTOP® DIX-DV



SKINTOP® SD-M



SKINTOP® DV-M

Benefits

SKINTOP® DIX-DV

- Prevents water and dust penetrating into unused bore holes of SKINTOP® DIX-M multiple sealing inserts

SKINTOP® SD-M

- Prevents dust and dirt from getting into the housing

SKINTOP® DV-M

- Prevents humidity from seeping into the housing

Application range

SKINTOP® DIX-DV

- For inserting into unoccupied holes of the SKINTOP® DIX-M multiple sealing inserts, to ensure protection class

SKINTOP® SD-M

- This dust protector can be placed under the cap nut of the cable gland
- Preparations
- Protection of unused connection points

SKINTOP® DV-M

- These seals are placed into the sealing ring of the SKINTOP® cable glands
- Preparations
- Protection of unused connection points

Note

SKINTOP® DIX-DV

- When assembled professionally and properly, the protection class of IP 68 can be reached
- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

SKINTOP® SD-M

- Easy to handle, without disassembly - push cable through
- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

SKINTOP® DV-M

- When assembled professionally and properly, the protection class of IP 68 can be reached
- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	Colour delivered SKINTOP® DIX-DV Natural SKINTOP® SD-M Black SKINTOP® DV-M Black
	Material SKINTOP® DIX-DV Polyamide SKINTOP® SD-M PE foam SKINTOP® DV-M CR
	Protection rating SKINTOP® DIX-DV IP 54
	Temperature range SKINTOP® DIX-DV -30°C to +100°C SKINTOP® SD-M -70°C to +100°C SKINTOP® DV-M -30°C to +100°C

Article number	Article designation / size	Ø F mm	Height (mm)	Pieces / PU
SKINTOP® DIX-DV				
53100003	DIX-DV 3 x 9	3.0	9.0	100
53100004	DIX-DV 4 x 9	4.0	9.0	100
53100005	DIX-DV 5 x 11	5.0	11.0	100
53100055	DIX-DV 5,5 x 11	5.5	11.0	100
53100006	DIX-DV 6 x 14	6.0	14.0	100
53100007	DIX-DV 7 x 14	7.0	14.0	100
53100008	DIX-DV 8 x 14	8.0	14.0	100
53100009	DIX-DV 9 x 14	9.0	14.0	100
SKINTOP® SD-M				
54113100	SD-M 12	11.5	2.0	100
54113110	SD-M 16	15.0	2.0	100
54113120	SD-M 20	20.0	2.0	100
54113130	SD-M 25	25.0	2.0	50
54113140	SD-M 32	30.0	2.0	50
54113150	SD-M 40	40.0	2.0	25
54113160	SD-M 50	49.0	2.0	25
54113170	SD-M 63	58.0	2.0	25
SKINTOP® DV-M				
54113000	DV-M 12	7.2	7.0	500
54113010	DV-M 16	10.0	8.0	500
54113020	DV-M 20	13.2	8.4	250
54113030	DV-M 25	17.2	9.5	250
54113040	DV-M 32	21.2	12.0	250
54113050	DV-M 40	28.2	14.5	100
54113060	DV-M 50	35.8	18.0	100
54113070	DV-M 63	45.6	20.0	50

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINTOP® MULTI-M

Cable bushing system with metric thread



Info

- Compact, round multi cable bushing system with innovative gel technology

Benefits

- Large clamping range of 4 mm per bushing due to elastic gel technology with innovative membrane technology
- Easy installation of the cables even for high packing density
- Optimum strain relief at the entire cable bundle
- Not used bushings remain securely sealed

Application range

- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- For not harnessed cables and media hoses
- Apparatus and switch cabinet construction
- Automation technology

Product features

- Cables can be inserted directly without using a pricking awl
- Secure sealing at the cable & housing
- High packing density
- Halogen-free and silicone-free
- UV-, ozone- and oil-resistant

Norm references / Approvals

- UL pending

Note

- More versions are to be found in the online catalogue

Included

- SKINTOP® MULTI-M including locknut and O-ring

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000240
ETIM 5.0/6.0 Class-Description: Cable entry



Certifications

UL pending
Fire behaviour acc. to UL94 V-2
Hazard Level HL 2 acc. to EN 45545-2



Note

On request:
- individual bushing configuration
- other metric thread sizes



Material

Frame: Polycarbonat
Sealing: Gel
O-Ring: NBR



Protection rating

IP 68



Temperature range

With O-ring: -20°C to +100°C
Without O-ring: -30°C to +110°C

Article number	Article designation / size	Max. number of executions	Number of cables x cable Ø	SW wrench size mm	Pieces / PU
SKINTOP® MULTI-M					
52220110	M40x1,5	12	2 x 1-4 mm, 10 x 2-6 mm	46	1
52220111	M50x1,5	18	18 x 2-6 mm	55	1
52220112	M63x1,5	30	30 x 2-6 mm	66	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® DIX-M refer to page 713
- SKINTOP® CUBE MULTI refer to page 721
- SKINTOP® MULTI refer to page 717
- SKINTOP® MULTI VENT refer to page 718

Accessories

- SKINTOP® DIX-DV refer to page 715



SKINTOP® MULTI

Info

- Compact multi cable bushing system with innovative gel technology



Benefits

- Large clamping range of 4 mm and AS-I BUS entry system by elastic gel technology with innovative membrane technology
- Easy installation of the cables even for high packing density
- Optimum strain relief at the entire cable bundle
- Error reduction through clear assignment of cable to be installed by a clear marker of implementing points
- Not used bushings remain securely sealed

Application range

- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- For not harnessed cables and media hoses
- Apparatus and switch cabinet construction
- Automation technology

Product features

- Cables can be inserted directly without using a pricking awl
- Integrated seal for the cable & housing (captive)
- Halogen-free and silicone-free
- UV-, ozone- and oil-resistant
- The adhesive gel provides a very easy positioning at the enclosure during the assembling

Norm references / Approvals

- UL 50, UL 50E, CSA C22.2
- UL 508A for Industrial Control Panels
- UL File No. E349737

Product Make-up

- For cut-outs for 24-pin industrial connectors (36 x 112 mm)

Included

- SKINTOP® MULTI including mounting material

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000240 ETIM 5.0/6.0 Class-Description: Cable entry
	Certifications UL File No. E349737 Fire behaviour acc. to UL94 V-2 Hazard Level HL 2 acc. to EN 45545-2
	Note Individual hole configuration on request
	Material Frame: Polycarbonat Sealing: Gel
	Protection rating IP 68
	Temperature range -30°C to +110°C

Article number	Article designation / size	Max. number of executions	Number of cables x cable Ø	Pieces / PU
SKINTOP® MULTI				
52220065	SKINTOP® MULTI Version 1	22	16 x 3-7 mm, 6 x 8-12 mm	1
52220073	SKINTOP® MULTI Version 2	21	5 x 2-6 mm, 8 x 4-8 mm, 3 x 5-9 mm, 2 x 8-12 mm, 1 x 12-16 mm, 2 x AS-I BUS / 2 x 2-4 mm	1
52220080	SKINTOP® MULTI Version 3	30	30 x 2-6 mm	1
52220085	SKINTOP® MULTI Version 4	11	8 x 8-12 mm, 2 x 12-16 mm, 1 x 16-20 mm	1
52220101	SKINTOP® MULTI Version 5	27	27 x 4-8 mm	1
52220104	SKINTOP® MULTI Version 6	24	10 x 2-6 mm, 8 x 4-8 mm, 4 x 7-11mm, 2 x 10-14mm	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® CUBE MULTI refer to page 721
- SKINTOP® MULTI VENT refer to page 718

Accessories

- SKINTOP® DIX-DV refer to page 715
- SKINTOP® BRUSH ADD-ON 24 refer to page 722



SKINTOP® MULTI VENT



Info

- Compact multi cable bushing system with innovative gel technology
- Breathable pressure compensation element with membrane technology

Benefits

- Large clamping range of 4 mm and AS-I BUS entry system by elastic gel technology with innovative membrane technology
- Easy installation of the cables even for high packing density
- Optimum strain relief at the entire cable bundle
- Error reduction through clear assignment of cable to be installed by a clear marker of implementing points
- Not used bushings remain securely sealed

Application range

- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- For not harnessed cables and media hoses
- Apparatus and switch cabinet construction
- Automation technology

Product features

- Special integrated membrane equalize the pressure balance and enables humidity to stay out of the junction box
- Integrated seal for the cable & housing (captive)
- Halogen-free
- UV-, ozone- and oil-resistant
- The adhesive gel provides a very easy positioning at the enclosure during the assembling

Product Make-up

- For cut-outs for 24-pin industrial connectors (36 x 112 mm)

Note

- Air flow rates: 0.65 l/min

Included

- SKINTOP® MULTI VENT including mounting material

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000240
ETIM 5.0/6.0 Class-Description: Cable entry



Note

Individual hole configuration on request



Material

Frame: Polycarbonat
Sealing: Gel
Pressure compensation unit: PBT, PTFE, NBR



Protection rating

IP 68



Temperature range

-30°C to +100°C

Article number	Article designation / size	Max. number of executions	Number of cables x cable Ø	Pieces / PU
SKINTOP® MULTI VENT				
52220092	SKINTOP® MULTI VENT Version 1	21	6 x 8-12 mm, 15 x 3-7 mm	1
52220093	SKINTOP® MULTI VENT Version 2	20	4 x 2-6 mm, 8 x 4-8 mm, 3 x 5-9 mm, 2 x 8-12 mm, 1 x 12-16 mm, 2 x AS-I BUS / 2 x 2-4 mm	1
52220094	SKINTOP® MULTI VENT Version 3	29	29 x 2-6 mm	1
52220095	SKINTOP® MULTI VENT Version 4	11	8 x 8-12 mm, 2 x 12-16 mm, 1 x 16-20 mm	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

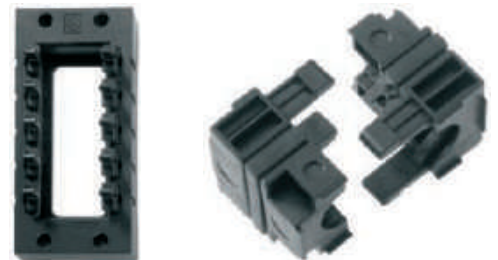
- SKINTOP® DIX-DV refer to page 715
- SKINTOP® BRUSH ADD-ON 24 refer to page 722



SKINTOP® CUBE

Info

- Innovative multi-cable bushing system with variable clamping ranges for high flexibility in assembling.
- When disassembling, the frame can remain on the housing and the plug-in module remains securely on the cable.



Benefits

- Variable clamping range
- Vibration-safe module fixation
- Strain relief
- Oil resistance
- Simplified servicing due to easy assembling and disassembling

Application range

- For installation of harnessed cables
- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- Apparatus and switch cabinet construction
- Electronic installations
- Automation technology

Norm references / Approvals

- UL 50, UL 50E, CSA C22.2
- UL 508A for Industrial Control Panels
- UL File No. E349737

Product Make-up

- The SKINTOP® CUBE system consists of the SKINTOP® CUBE FRAME and the clip modules SKINTOP® CUBE MODULE.
- For cut-outs for industrial connectors with standard defined boreholes.
- For cut-outs for 16-pin industrial connectors (36 x 86 mm)
- For cut-outs for 24-pin industrial connectors (36 x 112 mm)

Note

- SKINTOP® CUBE MODULE 20x20 BLIND can be used as a blind module and for clamping ranges 1 - 3 mm
- For better strain relief, the cable bundle can be fixed with help of a cable tie

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000240 ETIM 5.0/6.0 Class-Description: Cable entry
	Certifications UL File No. E349737 Fire behaviour according to UL94 V-2
	Note The installation dimensions and possible module combinations can be found in appendix T21
	Material Frame: glass fibre-reinforced polyamide Frame seal: CR Clip module: special polypropylene Clip module seal: LSE 2
	Protection rating IP 64
	Temperature range Dynamic: -20°C up to +80°C Static: -40°C up to +80°C

Article number	Article designation / size	Ø F mm	Max. number of executions	Pieces / PU
SKINTOP® CUBE Frame				
52220000	SKINTOP® CUBE FRAME 16		8	1
52220001	SKINTOP® CUBE FRAME 24		10	1
SKINTOP® CUBE clip modules				
52220004	SKINTOP® CUBE MODULE 20x20 BLIND	1.0 - 3.0		5
52220002	SKINTOP® CUBE MODULE 20x20 SMALL	4.0 - 6.0		5
52220003	SKINTOP® CUBE MODULE 20x20 LARGE	6.0 - 9.0		5
52220040	SKINTOP® CUBE MODULE 20x20 AS-I BUS			5
52220005	SKINTOP® CUBE MODULE 40x40 SMALL	9.0 - 12.0		5
52220006	SKINTOP® CUBE MODULE 40x40 LARGE	12.0 - 16.0		5
52220007	SKINTOP® CUBE MODULE 40x40 BLIND			5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® CUBE MULTI refer to page 721
- SKINTOP® MULTI refer to page 717
- SKINTOP® MULTI VENT refer to page 718

Accessories

- SKINTOP® BRUSH ADD-ON 24 refer to page 722



Cable glands

SKINTOP® cable bushing systems • Cable bushing systems



SKINTOP® CUBE SORTIMO® T-BOXX



Benefits

- Variable clamping range
- Vibration-safe module fixation
- Strain relief
- Oil resistance
- Simplified servicing due to easy assembling and disassembling

Application range

- For installation of harnessed cables
- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- Apparatus and switch cabinet construction
- Electronic installations
- Automation technology

Product features

- Optimal order in the practical SORTIMO® T-BOXX
- Small packaging unit, wide variety
- Light and robust, shock- and impact-resistant polypropylene case
- Two sturdy locks - ideal for mounting use e.g. building site

Product Make-up

- The SKINTOP® CUBE system consists of the SKINTOP® CUBE FRAME and the clip modules SKINTOP® CUBE MODULE.
- For cut-outs for 16-pin industrial connectors (36 x 86 mm)
- For cut-outs for 24-pin industrial connectors (36 x 112 mm)

Included

- SKINTOP® CUBE FRAME including mounting material
- Delivery in SORTIMO® T-BOXX
- Assembly instructions
- Screwdriver
- SKINTOP® CUBE FRAME 16
2 Pcs. (PN 52220000)
- SKINTOP® CUBE FRAME 24
2 Pcs. (PN 52220001)
- SKINTOP® CUBE MODULE 20x20 BLIND
5 Pcs. (PN 52220004)
- SKINTOP® CUBE MODULE 20x20 SMALL
5 Pcs. (PN 52220002)
- SKINTOP® CUBE MODULE 20x20 LARGE
5 Pcs. (PN 52220003)
- SKINTOP® CUBE MODULE 20x20 AS-I BUS
5 Pcs. (PN 52220040)
- SKINTOP® CUBE MODULE 40x40 SMALL
5 Pcs. (PN 52220005)
- SKINTOP® CUBE MODULE 40x40 LARGE
5 Pcs. (PN 52220006)
- SKINTOP® CUBE MODULE 40x40 BLIND
5 Pcs. (PN 52220007)



Info

- Innovative multi-cable bushing system with variable clamping ranges for high flexibility in assembling.
- When disassembling, the frame can remain on the housing and the plug-in module remains securely on the cable.
- Optimal order in the practical SORTIMO® T-BOXX

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000240
ETIM 5.0/6.0 Class-Description: Cable entry



Certifications

UL File No. E349737
Fire behaviour according to UL94 V-2



Material

Frame: glass fibre-reinforced polyamide
Frame seal: CR
Clip module: special polypropylene
Clip module seal: LSE 2



Protection rating

IP 64



Temperature range

Dynamic: -20°C up to +80°C
Static: -40°C up to +80°C

Article number	Article designation / size	Pieces / PU
SKINTOP® CUBE SORTIMO® T-BOXX		
53110031	SKINTOP® CUBE SORTIMO® T-BOXX	1

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SKINTOP® CUBE MULTI

Info

- Push the cable through the gel membrane and connect directly
- Huge potential of savings through quick installation

Benefits

- Large, variable clamping ranges due to elastic gel technology
- Easy installation of the cables even for high packing density
- Optimum strain relief at the entire cable bundle
- Simplified servicing due to easy assembling and disassembling
- Not used bushings remain securely sealed

Application range

- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- For not harnessed cables and media hoses
- Apparatus and switch cabinet construction
- Automation technology

Product features

- SKINTOP® CUBE MULTI Version 1
Number of cable bushings:
9 x 3-6 mm clamping range
9 x 6-9 mm clamping range
2 x 9-13 mm clamping range
1 x 13-16 mm clamping range
- SKINTOP® CUBE MULTI Version 2
Number of cable bushings:
23 x 5-8 mm clamping range

Norm references / Approvals

- UL 50, UL 50E, CSA C22.2
- UL 508A for Industrial Control Panels
- UL File No. E349737

Product Make-up

- The system consists of SKINTOP® CUBE FRAME and a gel insert SKINTOP® CUBE MULTI.
- Removal of the gel insert by opening the holder
- For cut-outs for 24-pin industrial connectors (36 x 112 mm)

Note

- For better strain relief, the cable bundle can be fixed with help of a cable tie

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000240 ETIM 5.0/6.0 Class-Description: Cable entry
	Certifications UL File No. E349737 Fire behaviour according to UL94 V-2
	Note Individual hole configuration on request
	Material Frame: Glass fiber reinforced polyamide Frame seal: CR Gel insert: PC / Gel
	Protection rating IP 66
	Temperature range -30°C to +100°C

Article number	Article designation / size	Max. number of executions	Number of cables x cable Ø	Pieces / PU
SKINTOP® CUBE MULTI				
52220001	SKINTOP® CUBE FRAME 24			1
SKINTOP® CUBE MULTI Gel-insert				
52220050	SKINTOP® CUBE MULTI Version 1	21	9 x 3-6 mm; 9 x 6-9 mm; 2 x 9-13 mm; 1 x 13-16 mm	1
52220053	SKINTOP® CUBE MULTI Version 2	23	23 x 5-8 mm	1
SKINTOP® CUBE MULTI Gel-insert incl. frame				
52220056	SKINTOP® CUBE MULTI Version 1 incl. frame	21	9 x 3-6 mm; 9 x 6-9 mm; 2 x 9-13 mm; 1 x 13-16 mm	1
52220057	SKINTOP® CUBE MULTI Version 2 incl. frame	23	23 x 5-8 mm	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- SKINTOP® CUBE
- SKINTOP® MULTI

Accessories

- SKINTOP® DIX-DV refer to page 715



Cable glands

SKINTOP® cable bushing systems • EMC



SKINTOP® BRUSH ADD-ON 24



i
Info

- EMC Kit with brush technology suitable for the SKINTOP® multi cable bushing systems for the 24 pin cut-outs

Benefits

- Faster, easier screen contact
- Optimum EMC protection
- Quicker installation and EMC contacting compared with other systems
- Maximum assembly freedom during adjustment
- Usable with different cable diameters at the same time

Product features

- Low-resistance screen contact
- Visible, large-scale screen contact

Included

- Brush frame
- Spacers
- Mounting material

Technical data

Material
 Frame: Aluminium
 EMC brush: brass

Temperature range
 -30 °C to +110 °C

Application range

- For the EMC screen contacting of cables when using the SKINTOP® multi-cable entry systems
- For EMC-compliant earthing of the copper braiding
- Control cabinet manufacturing
- Automation systems

Article number	Dimensions overall	Executions range	Borehole	Pieces / PU
SKINTOP® BRUSH ADD-ON 24				
52220089	40x120 mm	47.0 - 120.0	4.2	1

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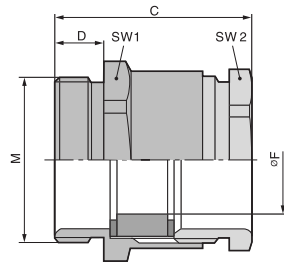




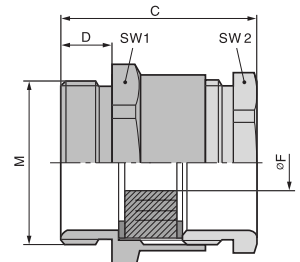
SKINDICHT® SVRN-M / SKINDICHT® SVRE-M



SKINDICHT® SVRN-M



SKINDICHT® SVRE-M



Benefits

SKINDICHT® SVRN-M

- High mechanical stability
- Optimum strain relief

SKINDICHT® SVRE-M

- With incised sealing ring for adjustment to several cable diameters
- Fewer sizes need to be kept in stock

Application range

SKINDICHT® SVRN-M

- Brass cable gland with hexagonal fitting, for fast assembly with a flat spanner.

SKINDICHT® SVRE-M

- Brass cable gland with hexagonal fitting and variable incised sealing ring.

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

SKINDICHT® SVRN-M

- Counter nut to be used: SKINDICHT® SM-M
- Example order identification:
SVRN-M 12 / 7 / 5
12 = Connection thread metric
7 = Function thread PG
5 = Clear width F

SKINDICHT® SVRE-M

- Refer to SKINDICHT® EV for additional accessories
- Counter nut to be used: SKINDICHT® SM-M

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



On request

SKINDICHT® SVRN-M

Available with long connection thread

SKINDICHT® SVRE-M

Available with long connection thread
Available with FKM incised ring



Material

SKINDICHT® SVRN-M

Body: nickel-plated brass

SKINDICHT® SVRE-M

Body: nickel-plated brass

Incised seal: CR/NBR



Protection rating

IP 54



Temperature range

SKINDICHT® SVRN-M

-20°C to +100°C

SKINDICHT® SVRE-M

-20°C to +80°C

Article number	Article designation / size	Incised sealing ring ØF (mm)	Max. internal Ø (mm)	Function thread PG	SW1/SW2 mm	Overall length C mm	Thread length D mm	Clear opening F (mm)	Pieces / PU
SKINDICHT® SVRN-M									
52104800	M 12 x 1,5			7	14.0 / 13.0	20.6	5	5	100
52104810	M 12 x 1,5			7	14.0 / 13.0	20.6	5	6	100
52104820	M 12 x 1,5			7	14.0 / 13.0	20.6	5	7	100
52104830	M 16 x 1,5			9	18.0 / 15.0	21.6	5	7	100
52104840	M 16 x 1,5			9	18.0 / 15.0	21.6	5	8	100
52104850	M 16 x 1,5			9	18.0 / 15.0	21.6	5	9	100
52104860	M 20 x 1,5			11	22.0 / 18.0	23.6	6	10	50
52104870	M 20 x 1,5			11	22.0 / 18.0	23.6	6	11	50
52104890	M 20 x 1,5			13.5	22.0 / 20.0	25.6	6	12	50
52104900	M 20 x 1,5			16	24.0 / 22.0	26.6	6	13	50
52104910	M 20 x 1,5			16	24.0 / 22.0	26.6	6	14	50
52104920	M 25 x 1,5			21	30.0 / 28.0	29.6	7	18	50
52104930	M 32 x 1,5			29	40.0 / 37.0	32.6	8	27	50
52104940	M 40 x 1,5			36	50.0 / 47.0	37.6	8	34	20
SKINDICHT® SVRE-M									
52104980	M 16 x 1,5	5/8	10	9	18.0 / 15.0	21.6	5		100
52104990	M 20 x 1,5	7/10/12.5	12	11	22.0 / 18.0	23.6	6		50
52105000	M 20 x 1,5	7/10.5/13/16	14	13.5	22.0 / 20.0	25.6	6		50
52105010	M 20 x 1,5	8/10.5/13.5/16	15	16	24.0 / 22.0	26.6	6		50
52105002	M 25 x 1,5	11/15/18/20	20	21	30.0 / 28.0	29.6	7		50
52105003	M 32 x 1,5	19/23/27/31	27	29	40.0 / 37.0	32.6	8		50
52105004	M 40 x 1,5	25/28/31/35	34	36	50.0 / 47.0	37.6	8		20
52105005	M 50 x 1,5	35.5/39/42.5/46	43	42	57.0 / 54.0	42.6	9		5
52105006	M 63 x 1,5	40.5/44/47/50.5	48	48	66.0 / 60.0	45.1	10		5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® SVRX



Benefits

- EMC version for cables with large cross-sections
- SKINDICHT® SVRX 105 x 2 for cable diameters up to 83 mm

Application range

- The cable gland is in accordance with DIN 89280, with round intermediate supports made from brass, plain.
- Shipbuilding
- Off-Shore
- High-power drives
- Wind power plants

Note

- EMC counter nuts (with claw) SKINDICHT® SM-PE / SVRX M24-M56 for painted, anodised or powder-coated housing on request
- For more EMC cable glands, refer to SKINTOP® MS-SC-M and MS-M BRUSH, and compatible counter nut SKINDICHT® SM-PE-M

Product Make-up

- Type „W“ for cable without screen (figure 1)
- Type „Z“ for cables with screen (figure 2)

Technical data

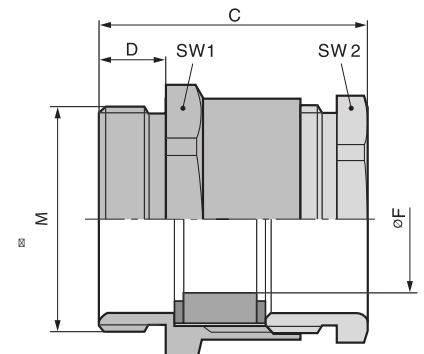
	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Certifications DIN 89280
	Material Body: Blank brass Seal: EPDM
	Protection rating IP 56
	Temperature range -20°C to +80°C

Article number	Article designation / size	PG size	SW wrench size mm	Clear opening F (mm)	Pieces / PU
SKINDICHT® SVRX - version W					
52006460	SVRX 5635	M 56 x 2	55	32 - 35	1
52006470	SVRX 5638	M 56 x 2	55	35 - 38	1
52006480	SVRX 5641	M 56 x 2	55	38 - 41	1
52006490	SVRX 7244	M 72 x 2	70	41 - 44	1
52006500	SVRX 7248	M 72 x 2	70	44 - 48	1
52006510	SVRX 7252	M 72 x 2	70	48 - 52	1
52006520	SVRX 7256	M 72 x 2	70	52 - 56	1
52006564	SVRX 8059	M 80 x 2	85	56 - 59	1
52006530	SVRX 8066	M 80 x 2	85	62 - 66	1
52006540	SVRX 10573	M 105 x 2	104	68 - 73	1
52006550	SVRX 10572	M 105 x 2	104	78 - 83	1
SKINDICHT® SVRX - version Z					
52006345	SVRX 2412	M 24 x 1.5	24	10 - 12	1
52006355	SVRX 2414	M 24 x 1.5	24	12 - 14	1
52006365	SVRX 2416	M 24 x 1.5	24	14 - 16	1
52006375	SVRX 2417	M 24 x 1.5	24	16 - 17	1
52006425	SVRX 3626	M 36 x 2	36	24 - 26	1
52006465	SVRX 5635	M 56 x 2	55	32 - 35	1
52006475	SVRX 5638	M 56 x 2	55	35 - 38	1
52006485	SVRX 5641	M 56 x 2	55	38 - 41	1
52006495	SVRX 7244	M 72 x 2	70	41 - 44	1
52006505	SVRX 7248	M 72 x 2	70	44 - 48	1
52006515	SVRX 7252	M 72 x 2	70	48 - 52	1
52006565	SVRX 8059	M 80 x 2	85	56 - 59	1
52006535	SVRX 8066	M 80 x 2	85	62 - 66	1
52006545	SVRX 10573	M 105 x 2	104	68 - 73	1
SKINDICHT® SM/SVRX Counter nuts					
52006321	SM 24	M24	30		1
52006401	SM 36	M36	41		1
52006461	SM 56	M56	65		1
52006491	SM 72	M72	85		1
52006531	SM 80	M80	90		1
52006541	SM 105	M105	120		1

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SKINDICHT® SVFK-M



Benefits

- Economical type
- Lateral sealing lips fit automatically around various cable dimensions
- Cable-specific seal dimensions are no longer necessary
- Tolerance
- Large opening allows clamping of up to two flat cables

Application range

- For inserting flat cables
- Conveyor systems
- Pumps
- Lifts
- Control cabinet manufacturing

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- For suitable flat cables, refer to ÖLFLEX® LIFT F for indoor applications or ÖLFLEX® CRANE F for outdoor applications
- Counter nut to be used: SKINTOP® GMP-GL-M

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	Colour delivered Light grey (RAL 7035)
	Material Body: Polyamide Special sealing insert: CR
	Protection rating IP 54
	Temperature range -30°C to +80°C

Article number	Article designation / size	Min./max. flat cable width	Min./max. cable thickness (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SVFK-M							
52107900	M 25 x 1,5	- / 15,0	-- 5,0	27,0 / 23,0	41,0	11	25
52107901	M 32 x 1,5	10,0 / 21,0	3,0 - 8,0	36,0 / 30,0	39,0	10	25
52107902	M 40 x 1,5	16,0 / 28,0	4,0 - 11,5	42,0 / 40,0	44,0	11	25
52107903	M 50 x 1,5	26,0 / 35,0	4,0 - 11,5	53,0 / 50,0	50,5	11	5
52107904	M 50 x 1,5	30,0 / 40,0	5,0 - 12,0	60,0 / 55,0	53,5	11	5
52107905	M 63 x 1,5	36,0 / 45,0	5,0 - 12,0	65,0 / 60,0	54,5	11	5

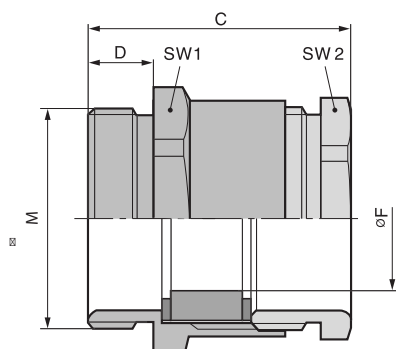
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Cable glands

SKINDICHT® plastic or metal cable glands metric • Flat cable



SKINDICHT® SVF-M



Benefits

- Lateral sealing lips fit automatically around various cable dimensions
- Cable-specific seal dimensions are no longer necessary
- Large opening allows clamping of up to two flat cables
- Optimum strain relief
- Tolerance

Application range

- For inserting flat cables
- Control cabinet manufacturing
- Conveyor systems
- Pumps
- Lifts

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- For suitable flat cables, refer to ÖLFLEX® LIFT F for indoor applications or ÖLFLEX® CRANE F for outdoor applications
- Counter nut to be used: SKINDICHT® SM-M

Technical data

- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland
- Caution**
The installation dimensions can be found in appendix T21
- Material**
Body: nickel-plated brass
Special sealing insert: CR
- Protection rating**
IP 54
- Temperature range**
-30°C to +100°C

Article number	Article designation / size	Min./max. flat cable width	Function thread PG	Min./max. cable thickness (mm)	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SVF-M							
52107320	M 20 x 1,5	- / 15.0	16	- / 5	27.0	6	25
52107340	M 25 x 1,5	9.0 / 20.0	21	3 / 8	30.5	7	25
52107350	M 32 x 1,5	14.0 / 27.0	29	4 / 11	32.0	8	10
52107360	M 40 x 1,5	24.0 / 34.0	36	4 / 11	35.0	8	10
52107370	M 50 x 1,5	29.0 / 44.0	42	5 / 12	40.0	9	5
52107380	M 63 x 1,5	34.0 / 50.0	48	5 / 12	42.0	10	5

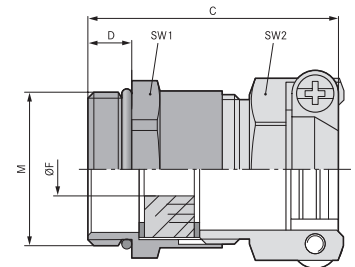
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Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® SKZ-M



Benefits

- With incised sealing ring for adjustment to several cable diameters
- High strain relief
- High mechanical stability

Application range

- Saddle clamp strain relief gland for harsh application conditions
- Building sites
- Plant engineering
- Electric motor manufacturing

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SHZ-M-XL is similar to the SKINDICHT® SHZ-M, but has an extended connection thread for thick walls
- Counter nut to be used: SKINDICHT® SM-M
- Example description:
SKZ-M 16/9
16 = connection thread
9 = PG function thread

Technical data

- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland
- Caution**
The installation dimensions can be found in appendix T21
- Material**
Body: nickel-plated brass
Incised sealing ring: CR/NBR
O-ring: NBR
- Protection rating**
IP 55
- Temperature range**
-20°C to +80°C

Article number	Article designation / size	Clamping range ØF mm	Max. fitting size for installation (mm)	Function thread PG	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SKZ-M								
52106800	M 16 x 1,5	5.0 - 8.0	24	9	18 / 17	29.0	5	50
52106810	M 20 x 1,5	7.0 - 12.0	27	11	22 / 20	30.0	6	50
52106820	M 20 x 1,5	11.0 - 13.0	30	13.5	22 / 22	33.5	6	25
52106830	M 20 x 1,5	13.0 - 15.0	33	16	24 / 24	34.5	6	25
52106840	M 25 x 1,5	16.0 - 19.3	42	21	30 / 30	41.0	7	25
52106850	M 32 x 1,5	19.0 - 27.0	58	29	40 / 41	46.0	8	10
SKINDICHT® SKZ-M-XL								
52106805	M 16 x 1,5	5.0 - 8.0	24	9	18 / 17	34.0	10	50
52106815	M 20 x 1,5	7.0 - 12.0	27	11	22 / 20	34.0	10	50
52106825	M 20 x 1,5	11.0 - 13.0	30	13.5	22 / 22	37.5	10	25
52106835	M 20 x 1,5	13.0 - 15.0	33	16	24 / 24	38.5	10	25
52106845	M 25 x 1,5	16.0 - 19.3	42	21	30 / 30	45.0	11	25
52106855	M 32 x 1,5	19.0 - 27.0	58	29	40 / 41	51.0	13	10

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Accessories

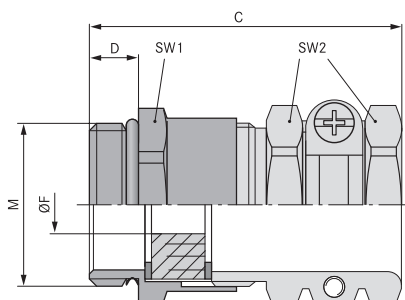
- SKINDICHT® SM-M refer to page 742
- SKINDICHT® EV
- SKINDICHT® E

Cable glands

SKINDICHT® plastic or metal cable glands metric • Strain relief/bending protection



SKINDICHT® SHZ-M



Benefits

- With incised sealing ring for adjustment to several cable diameters
- High strain relief
- Robust
- For cables with large outer diameters

Application range

- Compact brass cable gland for reliable strain relief, solid, for large cable diameters.

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SHZ-M-XL is similar to the SKINDICHT® SHZ-M, but has an extended connection thread for thick walls
- Counter nut to be used: SKINDICHT® SM-M
- Example description:
SHZ-M 16/9
16 = metric connection thread
9 = PG function thread

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	Material Body: nickel-plated brass Sealing ring: CR/NBR O-ring: NBR
	Protection rating IP 55
	Temperature range -20°C to +80°C

Article number	Article designation / size	Clamping range ØF mm	Max. fitting size for installation (mm)	Function thread PG	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SHZ-M								
52106700	M 12 x 1,5	5.5 - 6.5	21	7	14 / 15	30.0	5	50
52106710	M 16 x 1,5	5.0 - 8.0	25	9	18 / 17	33.0	5	50
52106720	M 20 x 1,5	8.0 - 12.0	28	11	22 / 20	35.0	6	25
52106730	M 20 x 1,5	8.5 - 13.0	32	13.5	22 / 22	39.5	6	25
52106740	M 20 x 1,5	8.0 - 15.0	35	16	24 / 24	41.5	6	25
52106750	M 25 x 1,5	14.0 - 19.3	46	21	30 / 30	47.0	7	25
52106760	M 32 x 1,5	19.0 - 27.0	58	29	40 / 41	53.0	8	10
52106770	M 40 x 1,5	27.0 - 34.0	70	36	50 / 50	60.0	8	10
52106780	M 50 x 1,5	35.0 - 43.0	78	42	57 / 57	65.0	9	5
52106790	M 63 x 1,5	40.0 - 47.5	86	48	66 / 64	68.0	10	5
SKINDICHT® SHZ-M-XL								
52106705	M 12 x 1,5	5.5 - 6.5	21	7	14 / 15	35.0	10	50
52106715	M 16 x 1,5	5.0 - 8.0	25	9	18 / 17	38.0	10	50
52106725	M 20 x 1,5	8.0 - 12.0	28	11	22 / 20	39.0	10	25
52106735	M 20 x 1,5	8.5 - 13.0	32	13.5	22 / 22	43.5	10	25
52106745	M 20 x 1,5	9.0 - 14.5	35	16	24 / 24	45.5	10	25
52106755	M 25 x 1,5	14.0 - 19.3	46	21	30 / 30	51.0	11	25
52106765	M 32 x 1,5	19.0 - 27.0	58	29	40 / 41	58.0	13	10
52106775	M 40 x 1,5	27.0 - 34.0	70	36	50 / 50	67.0	13	10
52106785	M 50 x 1,5	35.0 - 43.0	78	42	57 / 57	70.0	14	5
52106795	M 63 x 1,5	40.0 - 47.5	86	48	66 / 64	73.0	14	5

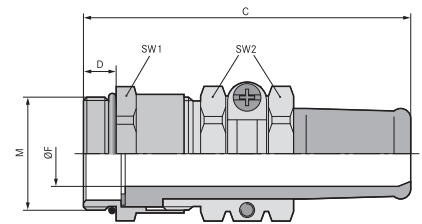
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Accessories

- SKINDICHT® SM-M refer to page 742
- SKINDICHT® E
- SKINDICHT® EV



SKINDICHT® SR-M



Benefits

- Reliable bending and anti-kink protection
- High strain relief
- Robust
- For cables with large outer diameters
- High degree of protection

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Handheld device
- Portable equipment
- Building sites
- Moving machine parts

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Counter nut to be used: SKINDICHT® SM-M
- For EMC version, refer to SKINDICHT® SRE-M
- Example description:
SR-M 12/7/5
12 = metric connection thread
7 = PG function thread
5 = clear opening of seal

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	On request Available with long connection thread
	Material Metal parts: nickel-plated brass O-ring: NBR Anti-kink protection: CR/NBR
	Protection rating IP 65
	Temperature range -20°C to +80°C

Article number	Article designation / size	Ø F mm	Max. fitting size for installation (mm)	Function thread PG	SW1/SW2 mm	Overall length C mm	Thread length D mm	Clear opening F (mm)	Pieces / PU
SKINDICHT® SR-M									
52106410	M 12 x 1,5	4.0 - 5.0	23	7	14 / 15	49.0	5	5	50
52106420	M 16 x 1,5	5.5 - 7.0	25	9	18 / 17	50.0	5	7	50
52106430	M 20 x 1,5	5.5 - 7.0	28	11	22 / 20	55.0	6	7	25
52106440	M 20 x 1,5	7.5 - 9.0	28	11	22 / 20	55.0	6	9	25
52106450	M 20 x 1,5	7.5 - 9.0	32	13.5	22 / 22	60.0	6	9	25
52106460	M 20 x 1,5	9.0 - 11.0	32	13.5	22 / 22	60.0	6	11	25
52106470	M 20 x 1,5	11.0 - 13.0	32	13.5	22 / 22	60.0	6	13	25
52106480	M 20 x 1,5	12.0 - 13.0	35	16	24 / 24	65.0	6	13	25
52106481	M 20 x 1,5	13.0 - 15.0	35	16	24 / 24	66.0	6	15	25
52106490	M 25 x 1,5	12.5 - 15.0	46	21	30 / 30	78.5	7	15	25
52106500	M 25 x 1,5	14.0 - 17.0	46	21	30 / 30	78.5	7	17	25
52106510	M 25 x 1,5	17.0 - 19.0	46	21	30 / 30	78.5	7	19	25
52106520	M 25 x 1,5	17.0 - 20.0	46	21	30 / 30	78.5	7	20	25
52106530	M 32 x 1,5	19.0 - 20.0	59	29	40 / 41	90.5	8	20	10
52106540	M 32 x 1,5	22.0 - 23.0	59	29	40 / 41	90.5	8	23	10
52106550	M 32 x 1,5	23.0 - 25.0	59	29	40 / 41	90.5	8	25	10
52106560	M 40 x 1,5	24.0 - 26.0	70	36	50 / 50	108.0	8	26	5
52106570	M 40 x 1,5	28.0 - 30.0	70	36	50 / 50	108.0	8	30	5
52106580	M 40 x 1,5	31.0 - 33.0	70	36	50 / 50	108.0	8	33	5
52106590	M 40 x 1,5	33.0 - 34.5	70	36	50 / 50	108.0	8	35	5
52106600	M 50 x 1,5	31.0 - 34.5	75	42	57 / 57	111.0	9	35	5
52106610	M 50 x 1,5	32.0 - 38.0	75	42	57 / 57	111.0	9	38	5
52106620	M 50 x 1,5	37.0 - 40.0	75	42	57 / 57	111.0	9	40	5
52106630	M 63 x 1,5	32.0 - 40.0	83	48	66 / 64	118.0	10	40	1
52106640	M 63 x 1,5	36.0 - 44.0	83	48	66 / 64	118.0	10	44	1

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Accessories

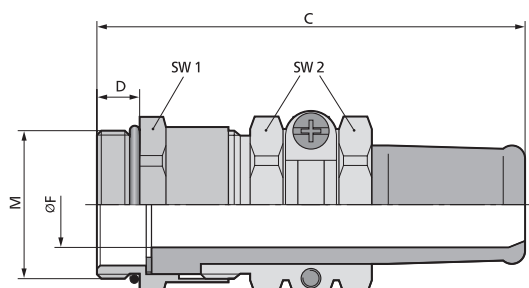
- SKINDICHT® SM-M refer to page 742
- SKINDICHT® SNR

Cable glands

SKINDICHT® plastic or metal cable glands metric • Strain relief/bending protection



SKINDICHT® SR-SV-M



Benefits

- For high temperatures
- Resistant to oils, solvents, acids and chemicals
- Seawater-resistant
- High strain relief
- Robust

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Special cable gland with FKM anti-kink sleeve. Our own reinforced acid-resistant FKM receptacle does not show any effects of aging even after an extended period of use at a temperature of +165°C.
- Machine and turbine manufacturing
- Power plant engineering
- Laboratory

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Counter nut to be used: SKINDICHT® SM-M
- EMC version is available upon request
- Example description:
SR-SV-M 20/11/7
20 = metric connection thread
11 = PG function thread
7 = clear opening of seal

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



On request

Available with long connection thread



Material

Body: nickel-plated brass
O-ring: FKM
Anti-kink protection: FKM



Protection rating

IP 65



Temperature range

-20°C to +165°C

Article number	Article designation / size	Ø F mm	Max. fitting size for installation (mm)	Function thread PG	SW1/SW2 mm	Overall length C mm	Thread length D mm	Clear opening F (mm)	Pieces / PU
SKINDICHT® SR-SV-M									
52105820	M 20 x 1,5	5,5 - 7,0	28	11	22 / 20	56,0	6	7	25
52105830	M 20 x 1,5	7,5 - 9,0	28	11	22 / 20	56,0	6	9	25
52105840	M 20 x 1,5	7,5 - 9,0	32	13,5	22 / 22	61,5	6	9	25
52105850	M 20 x 1,5	8,5 - 11,0	32	13,5	22 / 22	61,5	6	11	25
52105860	M 20 x 1,5	10,5 - 13,0	32	13,5	22 / 22	61,5	6	13	25
52105870	M 20 x 1,5	11,0 - 13,0	35	16	24 / 24	66,5	6	13	10
52105880	M 20 x 1,5	12,0 - 15,0	35	16	24 / 24	66,5	6	15	10
52105890	M 25 x 1,5	13,5 - 15,0	40	21	30 / 30	79,0	7	15	10
52105900	M 25 x 1,5	15,5 - 17,0	46	21	30 / 30	79,0	7	17	10
52105910	M 25 x 1,5	16,5 - 19,0	46	21	30 / 30	79,0	7	19	10

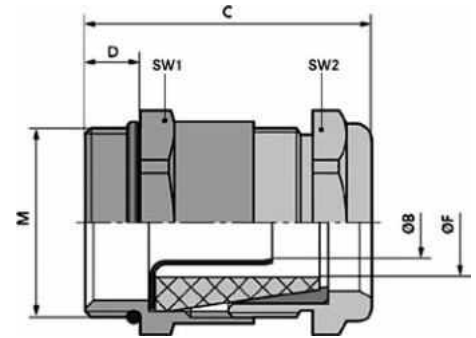
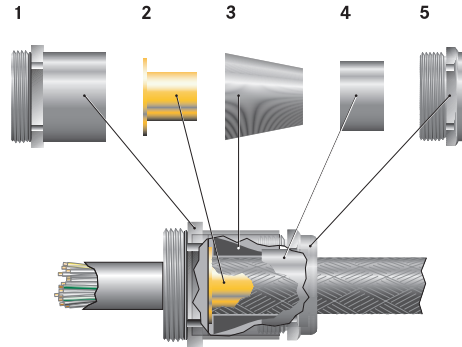
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Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® SHVE-M



Benefits

- Optimum, low-resistance 360° screen contact
- High degree of protection
- High strain relief

Application range

- Earthing gland, for applications where electrical interference fields can occur.
- Medical engineering
- Frequency converters
- Airports
- Measurement and control technology

Product Make-up

- 1 fitting
- 2 earth sleeves
- 3 sealing cones
- 4 cone, brass
- 5 compression screws

Note

- Counter nut to be used: SKINDICHT® SM-M
- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings
- For more EMC cable glands, refer to SKINTOP® MS-SC-M and MS-M BRUSH, and compatible counter nut SKINDICHT® SM-PE-M
- Example order identification:
SHVE-M 20 / 16 / 15 / 11
20 = Connection thread metric
16 = Function thread PG
15 = Clear width of sealing cone (F)
11 = Clear width of earthing sleeve (B)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



Material

Body: nickel-plated brass
Earthing sleeve: blank brass
Sealing cone: CR
O-ring: NBR



Protection rating

IP 68 - 10 bar



Temperature range

-20°C to +80°C

Article number	Article designation / size	Function thread PG	Outer sheath clamping range ØF mm	Inner sheath clamping range (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Clear opening earthing sleeve ØB	Clear opening F (mm)	Pieces / PU
SKINDICHT® SHVE-M										
52106860	M 16 x 1,5	9	4,5 - 5,8	2,2 - 3,2	18 / 17	26,5	5	3,2	6	25
52106870	M 16 x 1,5	9	4,5 - 6,8	2,2 - 3,2	18 / 17	26,5	5	3,2	7	25
52106880	M 16 x 1,5	9	5,5 - 5,8	2,6 - 3,6	18 / 17	26,5	5	3,6	6	25
52106890	M 16 x 1,5	9	5,5 - 6,8	2,6 - 3,6	18 / 17	26,5	5	3,6	7	25
52106910	M 20 x 1,5	11	3,00 - 6,8	3,5 - 4,5	22 / 20	31,0	6	4,5	7	25
52106920	M 20 x 1,5	11	6,00 - 8,8	3,5 - 4,5	22 / 20	31,0	6	4,5	9	25
52106930	M 20 x 1,5	13,5	6,5 - 8,8	3,5 - 5,00	22 / 22	32,0	6	5	9	25
52106940	M 20 x 1,5	13,5	6,00 - 8,8	4,5 - 6,00	22 / 22	32,0	6	6	9	25
52106950	M 20 x 1,5	13,5	8,00 - 10,8	5,5 - 7,00	22 / 22	32,0	6	7	11	25
52106960	M 20 x 1,5	16	8,5 - 10,8	6,00 - 8,00	24 / 24	34,5	6	8	11	25
52106970	M 20 x 1,5	16	10,00 - 12,8	7,00 - 9,00	24 / 24	34,5	6	9	13	25
52106980	M 20 x 1,5	16	10,00 - 12,8	8,00 - 10,00	24 / 24	34,5	6	10	13	25
52106990	M 20 x 1,5	16	12,5 - 14,8	9,00 - 11,00	24 / 24	34,5	6	11	15	25
52107000	M 25 x 1,5	21	13,00 - 15,8	10,00 - 12,00	30 / 30	39,0	7	12	16	25
52107010	M 25 x 1,5	21	13,00 - 15,8	11,00 - 13,00	30 / 30	39,0	7	13	16	25
52107020	M 25 x 1,5	21	15,5 - 17,8	12,00 - 14,00	30 / 30	39,0	7	14	18	25
52107030	M 25 x 1,5	21	15,00 - 17,8	13,00 - 15,00	30 / 30	39,0	7	15	18	25
52107040	M 25 x 1,5	21	17,5 - 19,8	14,00 - 16,00	30 / 30	39,0	7	16	20	25
52107050	M 32 x 1,5	29	19,00 - 21,8	15,00 - 17,00	40 / 40	45,5	8	17	22	10
52107060	M 32 x 1,5	29	18,00 - 23,8	16,00 - 18,00	40 / 40	45,5	8	18	22	10
52107070	M 32 x 1,5	29	20,00 - 23,8	17,00 - 19,00	40 / 40	45,5	8	19	24	10
52107080	M 32 x 1,5	29	23,00 - 25,8	17,00 - 19,00	40 / 40	45,5	8	19	26	10

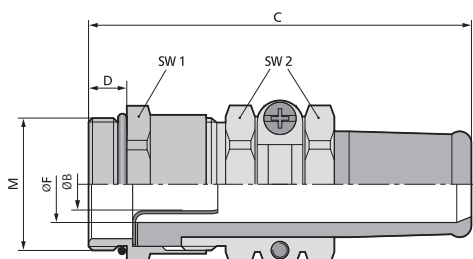
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Accessories

- SKINDICHT® SM-M refer to page 742
- SKINDICHT® SM-PE-M refer to page 742



SKINDICHT® SRE-M



Benefits

- Perfect seal with anti-kink protection
- Optimum, low-resistance 360° screen contact
- Cable-protecting strain relief
- Gentle cable clamping
- High degree of protection

Application range

- Earthing gland with additional anti-kink protection. For applications where electrical interference fields can occur.
- Moving machine parts
- Conveyor and transport systems
- Production lines
- Measurement and control technology

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings
- Example description:
SRE-M 20/13.5/9/6
20 = metric connection thread
13.5 = PG function thread
9 = clear opening of anti-kink sleeve (F)
6 = clear opening of earthing sleeve (B)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



On request

Available with long connection thread



Material

Body: nickel-plated brass
Earthing sleeve: plain brass
Anti-kink sleeve: CR/NBR
O-ring: NBR



Protection rating

IP 65



Temperature range

-20°C to +80°C

Article number	Article designation / size	Function thread PG	Outer sheath clamping range ØF mm	Inner sheath clamping range (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Clear opening earthing sleeve ØB	Clear opening F (mm)	Pieces / PU
SKINDICHT® SRE-M										
52105600	M 20 x 1,5	13.5	7,5 - 9.00	4,5 - 6.00	22 / 22	59.5	6	6	9	25
52105610	M 20 x 1,5	13.5	9.00 - 11.00	5,5 - 7.00	22 / 22	59.5	6	7	11	25
52105620	M 20 x 1,5	16	11.00 - 13.00	7.00 - 9.00	24 / 24	64.5	6	9	13	25
52105630	M 20 x 1,5	16	11.00 - 13.00	8.00 - 10.00	24 / 24	64.5	6	10	13	25
52105640	M 20 x 1,5	16	13,5 - 15.00	9.00 - 11.00	24 / 24	64.5	6	11	15	25
52105650	M 25 x 1,5	21	13,5 - 15.00	10.00 - 12.00	30 / 30	78.0	7	12	15	25
52105660	M 25 x 1,5	21	15.00 - 17.00	12.00 - 14.00	30 / 30	78.0	7	14	17	25
52105670	M 25 x 1,5	21	17.00 - 19.00	13.00 - 15.00	30 / 30	78.0	7	15	19	25
52105680	M 25 x 1,5	21	18.00 - 20.00	14.00 - 16.00	30 / 30	78.0	7	16	20	25
52105690	M 32 x 1,5	29	18.00 - 20.00	15.00 - 17.00	40 / 40	90.0	8	17	20	10
52105700	M 32 x 1,5	29	21.00 - 23.00	17.00 - 19.00	40 / 40	90.0	8	19	23	10
52105710	M 40 x 1,5	36	23,5 - 26.00	20.00 - 22.00	50 / 50	108.0	8	22	26	5
52105720	M 40 x 1,5	36	27.00 - 30.00	22.00 - 24.00	50 / 50	108.0	8	24	30	5
52105730	M 40 x 1,5	36	30.00 - 33.00	26.00 - 28.00	50 / 50	108.0	8	28	33	5
52105740	M 40 x 1,5	36	32.00 - 35.00	28.00 - 30.00	50 / 50	108.0	8	30	35	5

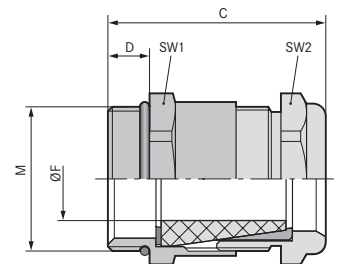
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Accessories

- SKINDICHT® SM-M refer to page 742
- SKINDICHT® SM-PE-M refer to page 742
- SKINDICHT® SNR



SKINDICHT® SHV-M



Benefits

- Watertight
- Gentle cable clamping
- Robust
- High strain relief

Application range

- Watertight cable gland with conical sealing element.
- Pumps
- Floater switches

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Counter nut to be used: SKINDICHT® SM-M
- Suitable accessory: SKINDICHT® SHV sealing cones
- Example description:
SHV-M 20/11/7
20 = metric connection thread
11 = PG function thread
7 = clear opening of sealing cone

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	Material Body: nickel-plated brass Sealing cone: CR O-ring: NBR
	Protection rating IP 68 - 10 bar
	Temperature range -20°C to +80°C

Article number	Article designation / size	Ø F mm	Function thread PG	SW1/SW2 mm	Overall length C mm	Thread length D mm	Clear opening F (mm)	Pieces / PU
SKINDICHT® SHV-M								
52105270	M 12 x 1,5	3 - 4,8	7	14.0 / 14.0	26.0	5	5	50
52105280	M 16 x 1,5	4,5 - 5,8	9	18.0 / 17.0	26.5	5	6	50
52105290	M 16 x 1,5	5,5 - 6,8	9	18.0 / 17.0	26.5	5	7	50
52105300	M 20 x 1,5	6 - 6,8	11	22.0 / 20.0	31.0	6	7	25
52105310	M 20 x 1,5	6,5 - 8,8	11	22.0 / 20.0	31.0	6	9	25
52105320	M 20 x 1,5	6,5 - 8,8	13.5	22.0 / 22.0	32.5	6	9	25
52105330	M 20 x 1,5	9 - 10,8	13.5	22.0 / 22.0	32.5	6	11	25
52105340	M 20 x 1,5	9 - 10,8	16	24.0 / 24.0	34.5	6	11	25
52105350	M 20 x 1,5	9,5 - 12,8	16	24.0 / 24.0	34.5	6	13	25
52105360	M 20 x 1,5	13 - 14,8	16	24.0 / 24.0	34.5	6	15	25
52105370	M 25 x 1,5	13,5 - 15,8	21	30.0 / 30.0	38.5	7	16	25
52105380	M 25 x 1,5	15 - 17,8	21	30.0 / 30.0	38.5	7	18	25
52105390	M 25 x 1,5	17,5 - 19,8	21	30.0 / 30.0	38.5	7	20	25
52105400	M 32 x 1,5	17,5 - 21,8	29	40.0 / 40.0	42.5	8	22	10
52105410	M 32 x 1,5	19 - 23,8	29	40.0 / 40.0	42.5	8	24	10
52105420	M 32 x 1,5	23 - 25,8	29	40.0 / 40.0	42.5	8	26	10

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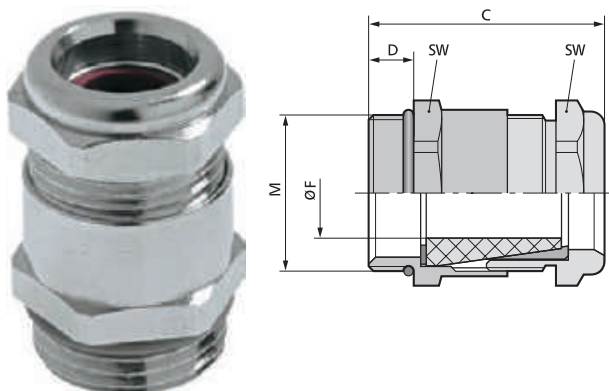
Accessories

- SKINDICHT® SM-M refer to page 742





SKINDICHT® SHV-M FKM



Benefits

- For high temperatures
- Resistant to oils, solvents, acids and chemicals
- Watertight
- High strain relief
- Robust

Application range

- Watertight and high temperature-resistant cable gland with special conical FKM sealing element
- Brickworks
- Sewage treatment plants
- Car wash sites

Product Make-up

- 1 fitting
- 2 washers
- 3 FKM sealing cone
- 4 brass cones
- 5 compression screws

Note

- Counter nut to be used: SKINDICHT® SM-M
- Example description:
SHV-M-FKM 20/11/7
20 = metric connection thread
11 = PG function thread
7 = clear opening of sealing cone

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



Material

Body: nickel-plated brass
Sealing cone: FKM
O-ring: FKM



Protection rating

IP 68 - 10 bar



Temperature range

-20°C to +200°C

Article number	Article designation / size	Ø F mm	Function thread PG	SW1/SW2 mm	Overall length C mm	Thread length D mm	Clear opening F (mm)	Pieces / PU
SKINDICHT® SHV-M FKM								
52105430	M 12 x 1,5	3,8 - 4,8	7	14.0 / 14.0	26.0	5	5	50
52105440	M 16 x 1,5	4,8 - 5,8	9	18.0 / 17.0	27.5	5	6	50
52105450	M 16 x 1,5	5,8 - 6,8	9	18.0 / 17.0	27.5	5	7	50
52105460	M 20 x 1,5	5,8 - 6,8	11	22.0 / 20.0	31.0	6	7	25
52105470	M 20 x 1,5	6,8 - 8,8	11	22.0 / 20.0	31.0	6	9	25
52105480	M 20 x 1,5	8,5 - 10,8	13.5	22.0 / 22.0	32.5	6	11	25
52105490	M 20 x 1,5	6,8 - 8,8	13.5	22.0 / 22.0	32.5	6	9	25
52105500	M 20 x 1,5	10,8 - 12,8	16	24.0 / 24.0	34.5	6	13	25
52105510	M 20 x 1,5	13,8 - 14,8	16	24.0 / 24.0	34.5	6	15	25
52105520	M 25 x 1,5	15,8 - 17,8	21	30.0 / 30.0	38.0	7	18	25
52105530	M 25 x 1,5	17,5 - 19,8	21	30.0 / 30.0	38.0	7	20	25
52105540	M 32 x 1,5	19,5 - 21,8	29	40.0 / 40.0	44.5	8	22	10

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Accessories

- SKINDICHT® SM-M refer to page 742





SKINDICHT® MINI NBR / SKINDICHT® MINI FKM / SKINDICHT® MINI COLD



SKINDICHT® MINI NBR



SKINDICHT® MINI FKM



SKINDICHT® MINI COLD

Benefits

- High degree of protection
- For the smallest conductor sizes
- Low height
- Gentle cable clamping
- High packing density

Application range

- For use wherever there is limited assembly space.
- Sensors
- Measurement and control technology

Product features

SKINDICHT® MINI NBR

- Suitable for use in oily surroundings

SKINDICHT® MINI FKM

- Suitable for high temperature and aggressive media surroundings

SKINDICHT® MINI COLD

- Suitable for extreme minus temperatures

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Recommendation of torque

M 6 x 1 1,5 Nm

M 8 x 1 3,0 Nm

M 10 x 1 6,0 Nm



Material

SKINDICHT® MINI NBR

Body: Nickel-plated brass

Sealing: CR/NBR

SKINDICHT® MINI FKM

Body: Nickel-plated brass

Sealing: FKM

SKINDICHT® MINI COLD

Body: Nickel-plated brass

Sealing: Silicone



Protection rating

IP 66

IP 68 - 5 bar



Temperature range

SKINDICHT® MINI NBR

-20°C to +100°C

SKINDICHT® MINI FKM

-20°C up to +200°C

SKINDICHT® MINI COLD

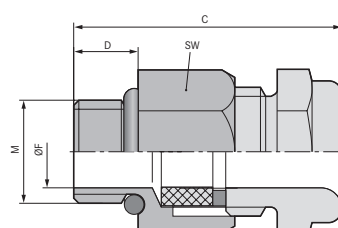
-60°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Clear opening F (mm)	Pieces / PU
SKINDICHT® MINI NBR							
52001860	M 6 x 1	2 - 3	9	19.7	5	3	50
52001880	M 8 x 1	3,5 - 5	11	20.5	5	5	50
52001895	M 10 x 1	5,5 - 7	14	22.3	5	7	50
SKINDICHT® MINI FKM							
52001889	M 6 x 1	2 - 3	9	19.7	5	3	50
52001887	M 8 x 1	3,5 - 5	11	20.5	5	5	50
52001894	M 10 x 1	5,5 - 7	14	22.3	5	7	50
SKINDICHT® MINI COLD							
52001877	M 6 x 1	2 - 3	9	19.7	5	3	50
52001878	M 8 x 1	3,5 - 5	11	20.5	5	5	50
52001879	M 10 x 1	5,5 - 7	14	22.3	5	7	50

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Accessories

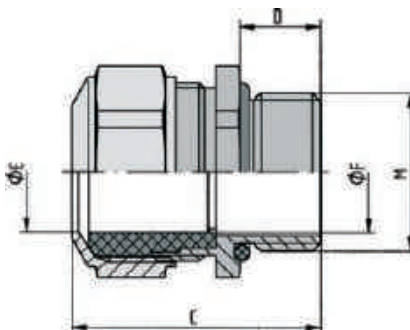
- SKINDICHT® SM-M refer to page 742



SKINDICHT® plastic or metal cable glands metric • Special sealing cable glands



SKINDICHT® CN-M



Benefits

- For high temperatures
- Resistant to oils, solvents, acids and chemicals
- Seawater-resistant
- For high mechanical stress
- High corrosion-resistance

Application range

- Chromium nickel steel cable gland with FPM seal, specially designed for use under tough conditions
- Pharmaceutical and petrochemical industry
- Offshore sector
- Wind power plants
- Brickworks

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Refer to the chart to find a suitable counter-nut for SKINDICHT® SM-M INOX

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



Material

Body: chrome-nickel steel in accordance with DIN, material no. 1.4305
Inner seal: FPM
O-ring: FPM



Protection rating

IP 68 - 5 bar
IP 69



Temperature range

-40 °C to +200 °C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® CN-M						
52032580	M 12 x 1,5/1	3,5 - 5	17	27,0	10	5
52032590	M 12 x 1,5/2	5 - 6,5	17	27,0	10	5
52032600	M 12 x 1,5/3	6,5 - 8	17	27,0	10	5
52032610	M 16 x 1,5	8 - 10,5	18	30,0	10	5
52032620	M 20 x 1,5	11 - 15	24	31,0	10	5
52032630	M 25 x 1,5	16 - 20,5	30	36,0	11	5
52032640	M 32 x 1,5	21 - 25,5	36	41,0	13	5
52032650	M 40 x 1,5	28,5 - 33	46	44,0	13	1
52032660	M 50 x 1,5	37 - 42	55	48,0	14	1
52032670	M 63 x 1,5	46 - 52	70	51,0	14	1

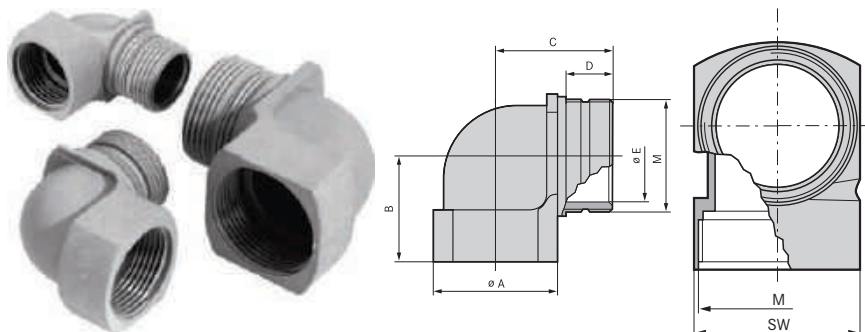
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Accessories

- SKINDICHT® SM-M INOX refer to page 743



SKINDICHT® KW-M



Benefits

- Space- and weight-saving application due to thin cable diameters
- Decrease in installation height

Application range

- Angled glands are used in areas where cables have to run in parallel to the housing wall.
- Light and sound applications
- Control cabinet manufacturing

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Refer to SKINDICHT® O-ring NBR for suitable O-rings
- SKINDICHT® KW-M can be combined with any cable gland, in particular with SKINTOP® ST-M
- Counter nut to be used: SKINTOP® GMP-GL-M

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Colour delivered Silver grey (RAL 7001)
	Material Polyamide, glass fibre-reinforced
	Protection rating IP 55
	Temperature range -20°C to +80°C

Article number	Article designation / size	A mm	B in mm	Ø E mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® KW-M								
52106210	M 16 x 1,5	19	21.5	11	19	24.0	13	25
52106220	M 20 x 1,5	25	24.5	15	25	29.5	15	25
52106230	M 25 x 1,5	30	28	20	30	33.5	16	25
52106240	M 32 x 1,5	36	31.5	26	36	38.0	17	10

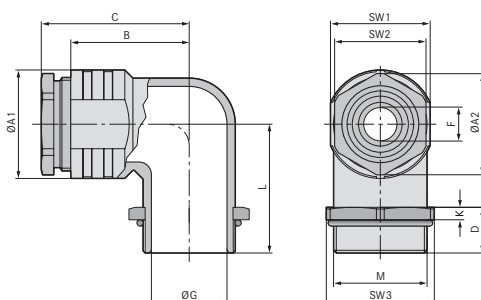
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Accessories

- SKINTOP® GMP-GL-M refer to page 711
- SKINTOP® ST-M refer to page 680
- SKINTOP® STR-M refer to page 680



SKINDICHT® RWV-M



Benefits

- Strain relief
- Sealed by incised sealing ring
- Corrosion-resistant
- Decrease in installation height
- Seawater-resistant

Application range

- Angled glands are used in areas where cables have to run in parallel to the housing wall.
- Electric motor manufacturing
- Machine and equipment manufacturing
- Plant engineering
- Light and sound applications

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Counter nut to be used: SKINDICHT® SM-M

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

Body: zinc die-casting, nickel-plated
Compression screw and hexagon nut: nickel-plated brass
Incised sealing ring: CR/NBR
O-ring: NBR



Protection rating

IP 55



Temperature range

-20 °C to +100 °C

Article number	Article designation / size	Ø F mm	L	SW1	Ø A1	SW2	Ø A2	Ø G	Height (mm)	Overall length C mm	Thread length D mm	SW3	Pieces / PU
SKINDICHT® RWV-M													
52107800	M 12 x 1,5	5.0	20.5	14.0	16	12.0	13.2	8	5.0	26.1	11.5	17	25
52107810	M 16 x 1,5	9.0 - 3.0	23.5	18.0	20	16.0	17.6	12	5.0	28.6	11.5	22	25
52107820	M 20 x 1,5	13.0 - 4.0	28.5	22.0	24	20.0	22.2	15	5.0	35.1	12.5	27	25
52107830	M 25 x 1,5	17.5 - 8.5	31	27.0	29	25.0	27.5	20	5.0	38.1	13.5	32	10
52107840	M 32 x 1,5	25.0 - 16.0	33	34.0	36	32.0	35.2	27	5.0	44.6	13.5	41	10
52107850	M 40 x 1,5	32.0 - 23.0	43	42.0	45	40.0	43.5	35	5.0	53.1	15.5	46	5

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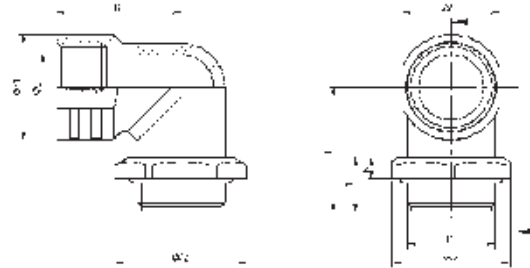
Accessories

- SKINDICHT® SM-M refer to page 742





SKINDICHT® RWV-M without E+D



Benefits

- Combination of different conduit glands is possible
- Space- and weight-saving application due to thin cable diameters
- Decrease in installation height
- Cable runs parallel to the housing wall
- Corrosion-resistant

Application range

- Angled glands are used in areas where cables have to run in parallel to the housing wall.
- Electric motor manufacturing
- Machine and equipment manufacturing
- Plant engineering
- Light and sound applications

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- The protection class is dependent on the combination with the various special glands. The minimum standard is IP 55.
- Counter nut to be used: SKINDICHT® SM-M
- For combination with other SKINDICHT® or SKINTOP® cable glands, we propose our SKINDICHT® RWV-M without incised sealing ring (E) and compression screw (D)

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Material Body: zinc die-casting Hexagon nut: nickel-plated brass O-ring: NBR
	Protection rating IP 55
	Temperature range -20°C to +100°C

Article number	Article designation / size	B in mm	Thread length D mm	K	L	SW1	Ø A1	SW2	Ø A2	Pieces / PU
SKINDICHT® RWV-M without E+D										
52107801	M 12 x 1,5	21	11.5	5	21	14.0	16	17.0	18.9	25
52107811	M 16 x 1,5	23	11.5	5	24	18.0	20	22.0	24.5	25
52107821	M 20 x 1,5	28.5	12.5	5	29	22.0	24	27.0	30.1	25
52107831	M 25 x 1,5	30	13.5	5	31	27.0	29	32.0	35.7	10
52107841	M 32 x 1,5	33.5	13.5	5	33	34.0	33.5	41.0	45.6	10
52107851	M 40 x 1,5	43	15.5	5	43	42.0	43	46.0	50.6	5

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Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® SE-M / SKINDICHT® SE-M 220/320



SKINDICHT® SE-M

SKINDICHT® SE-M 220/320

Benefits

SKINDICHT® SE-M

- Sealed by incised sealing ring
- Corrosion-resistant
- Easy to install
- Completely safe cable entry
- Low overall height

SKINDICHT® SE-M 220/320

- Combination of various conduit glands is possible depending on the type
- Low overall height
- High stability
- Two or three separate cable outlets

Application range

- For high mechanical stress
- When no connection thread is provided

Product Make-up

SKINDICHT® SE-M

- M20 x 1.5 - M25 x 1.5 with 2 screw holes
- M32 x 1.5 with 4 screw holes
- With incised sealing ring

Note

SKINDICHT® SE-M 220/320

- Type SKINDICHT® SE-M 220/320 without E+D is without incised sealing ring (E) and without compression screw (D)
- Type SKINDICHT® SE-M 220/320 without E+D can be combined with all cable glands (incl. O-ring) such as sealing, strain-relief, anti-kink, conduit-connecting or earthing glands
- The protection class is dependent on the combination with the various special glands. The minimum standard is IP 55.

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

SKINDICHT® SE-M

Body: zinc die-casting, grey, hammer tone finish
Compression screw: nickel-plated brass
Incised sealing ring: CR/NBR
O-ring: NBR

SKINDICHT® SE-M 220/320

Body: zinc die-casting, hammer tone finish
Compression screw: nickel-plated brass
Incised sealing ring: CR/NBR
Flat sealing: SBR



Protection rating

IP 55



Temperature range

-20°C to +80°C

Article number	Article designation / size	Incised sealing ring ØF (mm)	Overall height (mm)	SW wrench size mm	Overall length C mm	Overall width (mm)	Pieces / PU
SKINDICHT® SE-M							
52108000	M 20 x 1,5	4/7/10/13	31	20	49.2	42	10
52108010	M 25 x 1,5	8.5/11.5/14.5/17.5	40	25	68.2	60	5
52108020	M 32 x 1,5	16/19/22/25	51.5	32	84.2	66	1
SKINDICHT® SE-M 220/320							
52108040	2 x M20 x 1,5	2 x 4/7/10/13	33.5	20	76.8	91	1
52108050	3 x M20 x 1,5	3 x 4/7/10/13	33.5	20	76.8	124	1
SKINDICHT® SE-M 220/320 without E+D							
52108041	2 x M20 x 1,5		33.5		70.0	91	1
52108051	3 x M20 x 1,5		33.5		70.0	124	1

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SKINDICHT® SE-M without E+D

**Benefits**

- Combination of different conduit glands is possible
- Corrosion-resistant
- Easy to install
- Completely safe cable entry
- Low overall height

Application range

- The flange angle gland can be combined with all glands (including O-ring) e.g. strain relief, bending protection and conduit glands
- For high mechanical stress
- When no connection thread is provided

Product Make-up

- M20 x 1.5 - M25 x 1.5 with 2 screw holes
- M32 x 1.5 with 4 screw holes

Note

- The protection class is dependent on the combination with the various special glands. The minimum standard is IP 55.
- For combination with other SKINDICHT® or SKINTOP® cable glands, we propose our SKINDICHT® SE-M without incised sealing ring (E) and compression screw (D)

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Material Body: zinc die-casting, grey, hammer tone finish O-ring: NBR
	Protection rating IP 55
	Temperature range -20°C to +100°C

Article number	Article designation / size	Height (mm)	Overall width (mm)	Length (mm)	PU
SKINDICHT® SE-M without E+D					
52108001	M 20 x 1,5	31.0	42	42.0	10
52108011	M 25 x 1,5	40.0	60	60.0	5
52108021	M 32 x 1,5	51.5	66	76.0	1

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SKINDICHT® SM-M / SKINDICHT® SM-PE-M



SKINDICHT® SM-M

SKINDICHT® SM-PE-M

Benefits

SKINDICHT® SM-PE-M

- Cutting edges cut through the insulating layer, thus guaranteeing an optimum EMC contact
- Suitable for all metric glands used in earthing and EMC applications

Application range

SKINDICHT® SM-M

- Used when a gland has to be countered, or in through-holes on thin-walled housings

SKINDICHT® SM-PE-M

- For lacquered, anodised or powder-coated housings.

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000940
ETIM 5.0/6.0 Class-Description:
Locknut for cable screw gland

Material
Nickel-plated brass

Temperature range
-60°C to +200°C

Article number	Article designation / size	Thickness (mm)	SW wrench size mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® SM-M					
52102998	M 6 x 1	3.2	10	11.1	100
52102997	M 8 x 1	4.0	13	14.4	100
52102999	M 10 x 1	5.0	17	19.1	100
52103000	M 12 x 1,5	3.0	15	16.5	100
52103010	M 16 x 1,5	3.0	19	20.9	100
52103020	M 20 x 1,5	3.5	24	26.4	100
52103030	M 25 x 1,5	4.0	30	33.0	100
52103040	M 32 x 1,5	4.0	36	39.6	100
52103050	M 40 x 1,5	5.0	46	50.6	50
52103060	M 50 x 1,5	5.0	60	65.0	50
52103070	M 63 x 1,5	5.0	70	77.0	25
52103071	M 75 x 1,5	8.0	85	95.0	1
52103072	M 90 x 2	10.0	102	114.0	1
52103073	M 110 x 2	12.0	124	135.0	1
SKINDICHT® SM-PE-M					
52103300	M 12 x 1,5	4.7	15	17.3	100
52103310	M 16 x 1,5	4.7	19	21.9	100
52103320	M 20 x 1,5	4.7	24	27.7	100
52103330	M 25 x 1,5	5.2	30	34.6	50
52103340	M 32 x 1,5	5.7	36	41.5	50
52103350	M 40 x 1,5	6.5	46	53.1	25
52103360	M 50 x 1,5	6.5	60	69.3	10
52103370	M 63 x 1,5	7.0	70	80.8	10
52103371	M 75 x 1,5	8.0	85	95.0	1
52006494	M 72 x 2	10.0	85	98.0	1
52103372	M 90 x 2	10.0	102	114.0	1
52103373	M 110 x 2	12.0	124	135.0	1

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SKINDICHT® SM-M INOX



Info

- Metric threaded, stainless steel counter nut



Application range

- Used when a gland has to be countered, or in through-holes on thin-walled housings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

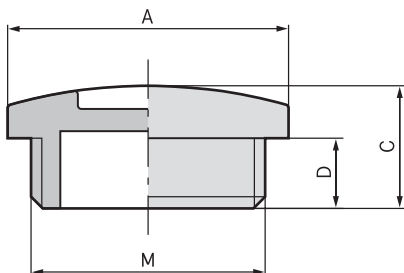
	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000940 ETIM 5.0/6.0 Class-Description: Locknut for cable screw gland
	Material Stainless steel 303
	Temperature range -60°C to +200°C

Article number	Article designation / size	Thickness (mm)	SW wrench size mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® SM-M INOX					
52032585	M 12 x 1,5	2.8	17	16.5	10
52032615	M 16 x 1,5	2.8	19	20.9	10
52032625	M 20 x 1,5	3.0	24	26.7	10
52032635	M 25 x 1,5	3.5	30	33.0	10
52032645	M 32 x 1,5	4.0	36	39.0	10
52032655	M 40 x 1,5	5.0	46	50.0	10
52032665	M 50 x 1,5	5.0	55	60.0	10
52032675	M 63 x 1,5	6.0	70	78.0	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINDICHT® BLK-M / SKINDICHT® BLK-GL-M



Benefits

SKINDICHT® BLK-M

- For closing pre-threaded holes
- Cost-effective solution

SKINDICHT® BLK-GL-M

- For closing pre-threaded holes
- High stability due to glass fibre reinforcement

Application range

- Control cabinet manufacturing
- Distribution box
- Junction boxes

Product features

- Assembling with screwdriver

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000032
ETIM 5.0/6.0 Class-Description: Plug for cable screw gland

SKINDICHT® BLK-GL-M
UL pending

Colour delivered
SKINDICHT® BLK-M
Light grey (RAL 7035)
SKINDICHT® BLK-GL-M
Silver grey (RAL 7001)
Light grey (RAL 7035)
Black (RAL 9005)

Material
SKINDICHT® BLK-M
Impact-resistant polystyrene
SKINDICHT® BLK-GL-M
Polyamide, glass fibre-reinforced
O-Ring: NBR

Protection rating
IP 54
IP 68 (with O-ring)

Temperature range
SKINDICHT® BLK-M
-25°C to +60°C
SKINDICHT® BLK-GL-M
With O-ring: -20°C to +100°C
Without O-ring: -40°C to +100°C

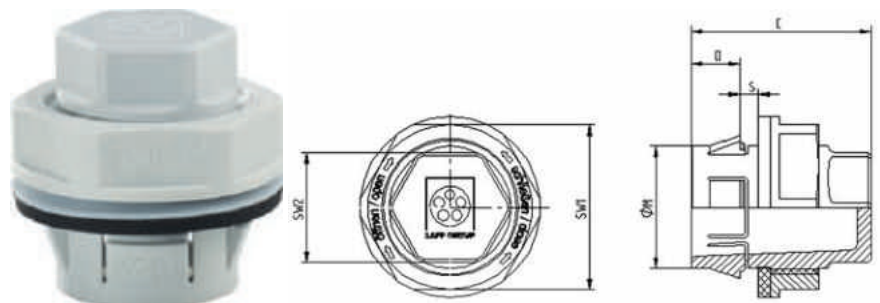
Article number	Article designation / size	Overall length C mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® BLK-M					
52006600	M 12 x 1,5	8.0	6	15.0	100
52006610	M 16 x 1,5	9.0	6	20.0	100
52006620	M 20 x 1,5	9.5	6	24.0	100
52006630	M 25 x 1,5	11.5	8	30.0	100
52006640	M 32 x 1,5	12.0	8	37.0	50
52006650	M 40 x 1,5	13.0	8	46.0	25
52006660	M 50 x 1,5	15.0	10	56.0	25
52006670	M 63 x 1,5	17.0	12	70.0	25
SKINDICHT® BLK-GL-M silver-grey					
52006101	M 12 x 1,5	8.0	6	15.0	100
52006111	M 16 x 1,5	9.0	6	20.0	100
52006121	M 20 x 1,5	9.5	6	24.0	100
52006131	M 25 x 1,5	11.5	8	30.0	100
52006141	M 32 x 1,5	12.0	8	37.0	50
52006151	M 40 x 1,5	13.0	8	46.0	25
52006161	M 50 x 1,5	15.0	10	56.0	25
52006171	M 63 x 1,5	17.0	12	70.0	25
SKINDICHT® BLK-GL-M light grey					
52006100	M 12 x 1,5	8.0	6	15.0	100
52006110	M 16 x 1,5	9.0	6	20.0	100
52006120	M 20 x 1,5	9.5	6	24.0	100
52006130	M 25 x 1,5	11.5	8	30.0	100
52006140	M 32 x 1,5	12.0	8	37.0	50
52006150	M 40 x 1,5	13.0	8	46.0	25
52006160	M 50 x 1,5	15.0	10	56.0	25
52006170	M 63 x 1,5	17.0	12	70.0	25

Article number	Article designation / size	Overall length C mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® BLK-GL-M black					
52006103	M 12 x 1,5	8.0	6	15.0	100
52006113	M 16 x 1,5	9.0	6	20.0	100
52006123	M 20 x 1,5	9.5	6	24.0	100
52006133	M 25 x 1,5	11.5	8	30.0	100
52006143	M 32 x 1,5	12.0	8	37.0	50
52006153	M 40 x 1,5	13.0	8	46.0	25
52006163	M 50 x 1,5	15.0	10	56.0	25
52006173	M 63 x 1,5	17.0	12	70.0	25
SKINDICHT® BLK-GL-M silver-grey mounted with O-ring					
52006109	M 12 x 1,5	8.0	6	15.0	100
52006119	M 16 x 1,5	9.0	6	20.0	100
52006129	M 20 x 1,5	9.5	6	24.0	100
52006139	M 25 x 1,5	11.5	8	30.0	100
52006149	M 32 x 1,5	12.0	8	37.0	50
52006159	M 40 x 1,5	13.0	8	46.0	25
52006169	M 50 x 1,5	15.0	10	56.0	25
52006179	M 63 x 1,5	17.0	12	70.0	25
SKINDICHT® BLK-GL-M light grey mounted with O-ring					
52006107	M 12 x 1,5	8.0	6	15.0	100
52006117	M 16 x 1,5	9.0	6	20.0	100
52006127	M 20 x 1,5	9.5	6	24.0	100
52006137	M 25 x 1,5	11.5	8	30.0	100
52006147	M 32 x 1,5	12.0	8	37.0	50
52006157	M 40 x 1,5	13.0	8	46.0	25
52006167	M 50 x 1,5	15.0	10	56.0	25
52006177	M 63 x 1,5	17.0	12	70.0	25
SKINDICHT® BLK-GL-M black mounted with O-ring					
52006106	M 12 x 1,5	8.0	6	15.0	100
52006116	M 16 x 1,5	9.0	6	20.0	100
52006126	M 20 x 1,5	9.5	6	24.0	100
52006136	M 25 x 1,5	11.5	8	30.0	100
52006146	M 32 x 1,5	12.0	8	37.0	50
52006156	M 40 x 1,5	13.0	8	46.0	25
52006166	M 50 x 1,5	15.0	10	56.0	25
52006176	M 63 x 1,5	17.0	12	70.0	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINTOP® CLICK BLK



Benefits

- Save up to 70% of the time with the innovative CLICK system
- Simple, free assembly in any position
- Fewer parts, counter nut no longer needed
- No thread required

Application range

- Dummy plug with innovative CLICK system for fast installation in hard-to-reach locations. Perfect solution for closing pre-made bore holes that are no longer required.
- Control cabinet manufacturing

- Measurement, control and electrical applications
- Automation technology
- Plant engineering, machinery manufacturing

Included

- Included: disassembly tool

Technical data

ETIM	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
RAL	Colour delivered Light grey (RAL 7035)
Material	Body: special polyamide Seal: special elastomer
IP	Protection rating IP 68 - 5 bar
Temperature range	-20°C to +100°C

Article number	Article designation / size	M (hole in mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Wall thickness, S (mm)	Pieces / PU
SKINTOP® CLICK BLK light grey							
52109013	CLICK BLK 16	16.3 (-0.2)	14.0 / 22.0	28.5	8	1.0 - 4.0	50
52109014	CLICK BLK 20	20.3 (-0.2)	18.0 / 27.0	29.5	8	1.0 - 4.0	25
52109015	CLICK BLK 25	25.3 (-0.2)	22.0 / 14.0	30.5	8	1.0 - 4.0	25

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SKINDICHT® BL-M



Benefits

- For closing pre-threaded holes

Application range

- Machine and equipment manufacturing
- Electric motor manufacturing

Product features

- Assembling with screwdriver

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000032
ETIM 5.0/6.0 Class-Description: Plug for cable screw gland



Certifications

UL pending



On request

Fitted with FKM O-ring
(-20°C to +200°C)



Material

Body: nickel-plated brass
O-ring: NBR



Protection rating

IP 54
IP 68 (with O-ring)



Temperature range

With O-ring: -20°C to +100°C
Without O-ring: -60°C to +200°C

Article number	Article designation / size	Overall length C mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® BL-M					
52103100	M 12 x 1,5	7.5	5	14.0	100
52103110	M 16 x 1,5	8.0	5	18.0	100
52103120	M 20 x 1,5	9.5	6	22.0	100
52103130	M 25 x 1,5	11.0	7	28.0	100
52103140	M 32 x 1,5	12.0	8	35.0	50
52103150	M 40 x 1,5	13.0	9	44.0	25
52103160	M 50 x 1,5	15.0	9	54.0	10
52103170	M 63 x 1,5	16.0	10	70.0	10
52103190	M 75 x 1,5	17.0	11	80.0	1
SKINDICHT® BL-M with O-ring					
52103105	M 12 x 1,5	7.5	5	14.0	100
52103115	M 16 x 1,5	8.0	5	18.0	100
52103125	M 20 x 1,5	9.5	6	22.0	100
52103135	M 25 x 1,5	11.0	7	28.0	100
52103145	M 32 x 1,5	12.0	8	35.0	50
52103155	M 40 x 1,5	13.0	9	44.0	25
52103165	M 50 x 1,5	15.0	9	54.0	10
52103175	M 63 x 1,5	16.0	10	70.0	10

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Accessories

- SKINDICHT® SM-M refer to page 742
- SKINDICHT® O-Ring NBR metric refer to page 757
- SKINDICHT® O-ring FKM metric refer to page 757



SKINDICHT® BL-M hex.

Benefits

- For closing pre-threaded holes
- High degree of protection

Application range

- Machine and equipment manufacturing
- Electric motor manufacturing

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Note

- Dummy plug made of stainless steel on request

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000032
ETIM 5.0/6.0 Class-Description: Plug for cable screw gland

On request
Fitted with FKM O-ring
(-20°C to +200°C)

Material
Body: nickel-plated brass
O-ring: NBR

Protection rating
IP 68 - 5 bar

Temperature range
-20°C to +100°C



Article number	Article designation / size	SW wrench size mm	Overall length C mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® BL-M hex.						
52103405	M 12 x 1,5	16	8.0	5	17.8	50
52103415	M 16 x 1,5	20	8.0	5	22.0	50
52103425	M 20 x 1,5	24	9.5	6	26.4	50
52103435	M 25 x 1,5	29	11.0	7	31.9	50
52103445	M 32 x 1,5	36	12.0	8	39.6	25
52103455	M 40 x 1,5	45	13.0	8	49.5	25
52103465	M 50 x 1,5	54	15.0	9	59.0	10
52103475	M 63 x 1,5	67	16.0	10	73.5	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® BL-M ATEX

Benefits

- High degree of protection
- Cold impact resistance

Application range

- Equipment group II / Category 2G+1D
- Devices, machines and apparatus
- For mobile applications in offshore and marine industries
- Chemical and petrochemical industry

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000032
ETIM 5.0/6.0 Class-Description: Plug for cable screw gland

Certifications
CE 0637 Ex II 2G
Ex eb IIC Ex II 1D
Ex ta IIIC
IECEx IBE 13.0029X

Material
Body: nickel-plated brass
O-ring: NBR

Tests
DIN EN 60079-0
DIN EN 60079-7
DIN EN 60079-31

Protection rating
IP 68 - 5 bar

Temperature range
-30°C to +90°C



Article number	Article designation / size	SW wrench size mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® BL-M ATEX					
52103103	M 12 x 1,5	16	5	17.8	50
52103113	M 16 x 1,5	20	5	22.0	50
52103123	M 20 x 1,5	24	6	26.4	50
52103133	M 25 x 1,5	29	7	31.9	50
52103143	M 32 x 1,5	36	8	39.6	25
52103153	M 40 x 1,5	45	8	49.5	25
52103163	M 50 x 1,5	54	9	59.0	10
52103173	M 63 x 1,5	67	10	73.5	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINDICHT® HYGIENIC BL-M



Info

- Ideal for hygienic critical areas - resistant, edge-free, robust and reliable
- No gaps, voids or outer lying thread - so no risk of contamination of food machines, facilities or components

Benefits

- For closing pre-threaded holes
- Assembling with a wrench

Application range

- Food machinery, equipment and components
- For use in **product zone**
- Pharmaceutical industry

Norm references / Approvals

- NSF/ANSI 169
Hygienic design for machinery and components
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry
- FDA 21 CFR 177.2600
Special sealing element for food and beverage industry in North America
- DIN EN 1672-2
Guideline for the design of machinery
- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery

Product Make-up

- Material and shape provide an easy and safe cleaning
- By the blue coloring of the sealing material clearly distinguishable from foodstuffs
- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	Material Body: stainless steel - V4A (1.4404 / 316L) Sealing: special elastomer (FKM)
	Protection rating IP 68 - 10 bar
	Temperature range -20°C to +100°C

Article number	Article designation / size	SW wrench size mm	Overall length C mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® HYGIENIC BL-M						
52103490	M 12 x 1,5	16	16.9	6.5	18.8	5
52103491	M 16 x 1,5	20	17.9	7	22.8	5
52103492	M 20 x 1,5	24	19.9	8	26.8	5
52103493	M 25 x 1,5	29	20.7	8	31.8	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M INOX refer to page 743

SKINDICHT® VENT PA6

Info

- Breathable pressure compensation element with membrane technology



Benefits

- Ventilation system for housing
- Formation of condensation in electronic housings is prevented
- Pressure compensation elements guarantee a trouble-free and maintenance-free operation

Application range

- Lighting engineering
- Railway applications
- Weather station
- Housing and distribution boxes
- Manufacturing of control cabinets and equipment

Product features

- Closure element and a pressure equalization in one system
- Lower space requirement
- High air flow

Norm references / Approvals

- Optionally approved acc. to UL 508 A

Product Make-up

- Air flow rates: 100mbar=0,8l/min - Standard version
- Air flow rates: 100mbar=3,5l/min - UL version

Note

- Refer to data sheet for more details

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Certifications Metric thread acc. to EN 60423
	Note Membrane: Acryl - copolymere
	Colour delivered Light grey (RAL 7035) Black (RAL 9005), UV-resistant
	Material Polyamide 6 - Standard version / UL 94 V2 Polyamide 66 - UL Version / UL 94 V0 Flat sealing NBR - Standard version O-Ring NBR - UL version
	Protection rating Standard: IP66 / IP68 / IP69 UL: IP66 / IP67 / IP69
	Temperature range -20°C to +100°C

Article number	Article designation / size	Overall length C mm	Thread length D mm	Pieces / PU
Not certified version				
51730200	SKINDICHT® VENT 12x1,5 BK	17.3	10	25
51730202	SKINDICHT® VENT 12x1,5 LGY	17.3	10	25
cULus certified version				
51730201	SKINDICHT® VENT 12x1,5 BK plus	17.3	10	25
51730203	SKINDICHT® VENT 12x1,5 LGY plus	17.3	10	25

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SKINDICHT® VENT INOX



Info

- Breathable pressure compensation element with membrane technology

Benefits

- Ventilation system for housing
- Formation of condensation in electronic housings is prevented
- Pressure compensation elements guarantee a trouble-free and maintenance-free operation

Application range

- Lighting engineering
- Railway applications
- Weather station
- Manufacturing of control cabinets and equipment
- Housing and distribution boxes

Product features

- Closure element and a pressure equalization in one system
- Lower space requirement
- High air flow

Norm references / Approvals

- Optionally approved acc. to UL 508 A

Product Make-up

- Air flow rates: 100mbar=0.4 l/min - Standard version
- Air flow rates: 100mbar=2.4 l/min - UL version

Note

- Refer to data sheet for more details

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Certifications

Metric thread acc. to EN 60423



Note

Membrane: Acryl - copolymere



Material

Stainless steel 303
O-ring - NBR



Protection rating

Standard: IP66 / IP68 / IP69
UL: IP66 / IP67 / IP69



Temperature range

-40 °C to +105 °C

Article number	Article designation / size	Overall length C mm	Thread length D mm	Pieces / PU
Not certified version				
51730204	SKINDICHT® VENT INOX 12x1,5	21.0	10	10
cURus certified version				
51730205	SKINDICHT® VENT INOX 12x1,5 plus	21.0	10	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINDICHT® KU-M



Benefits

- Enables the use of cable glands with smaller connection threads than the existing threaded holes

Application range

- Machines
- Devices
- Housings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Colour delivered Light grey (RAL 7035) Black (RAL 9005), UV-resistant
	Material Polyamide, glass fibre-reinforced
	Temperature range -40°C to +100°C

Article number	Thread, male M1	Thread, female M2	SW wrench size mm	Thread length D mm	Pieces / PU
SKINDICHT® KU-M light grey					
52104505	16 x 1.5	12 x 1.5	22	9	100
52104470	20 x 1.5	12 x 1.5	24	9	100
52104504	20 x 1.5	16 x 1.5	24	9	100
52104472	25 x 1.5	12 x 1.5	29	10	100
52104473	25 x 1.5	16 x 1.5	29	10	100
52104474	25 x 1.5	20 x 1.5	29	10	100
52104475	32 x 1.5	12 x 1.5	36	12	50
52104476	32 x 1.5	16 x 1.5	36	12	50
52104477	32 x 1.5	20 x 1.5	36	12	50
52104478	32 x 1.5	25 x 1.5	36	12	50
52104479	40 x 1.5	16 x 1.5	46	12	50
52104480	40 x 1.5	20 x 1.5	46	12	50
52104481	40 x 1.5	25 x 1.5	46	12	25
52104482	40 x 1.5	32 x 1.5	46	12	25
52104483	50 x 1.5	20 x 1.5	55	14	5
52104484	50 x 1.5	25 x 1.5	55	14	5
52104485	50 x 1.5	32 x 1.5	55	14	5
52104486	50 x 1.5	40 x 1.5	55	14	5
52104487	63 x 1.5	25 x 1.5	68	15	5
52104488	63 x 1.5	32 x 1.5	68	15	5
52104489	63 x 1.5	40 x 1.5	68	15	5
52104469	63 x 1.5	50 x 1.5	68	15	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® GMP-GL-M refer to page 711

Benefits

- Enables the use of cable glands with smaller connection threads than the existing threaded holes

Application range

- Machines
- Devices
- Housings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	On request Also available with pre-installed O-ring
	Material Nickel-plated brass
	Temperature range -60°C to +200°C



SKINDICHT® MR-M



Article number	Thread, male M1	Thread, female M2	Pieces / PU
SKINDICHT® MR-M			
52104310	16 x 1.5	12 x 1.5	100
52104311	20 x 1.5	12 x 1.5	100
52104312	20 x 1.5	16 x 1.5	100
52104313	25 x 1.5	16 x 1.5	50
52104314	25 x 1.5	20 x 1.5	50
52104315	32 x 1.5	20 x 1.5	50
52104316	32 x 1.5	25 x 1.5	50
52104317	40 x 1.5	25 x 1.5	25
52104318	40 x 1.5	32 x 1.5	25
52104319	50 x 1.5	32 x 1.5	25
52104320	50 x 1.5	40 x 1.5	10
52104321	63 x 1.5	40 x 1.5	10
52104322	63 x 1.5	50 x 1.5	10
52006575	72 x 2	63 x 1.5	1
SKINDICHT® MR-M, blank brass			
52006579	80 x 2	75 x 1.5	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINDICHT® O-Ring NBR metric refer to page 757
- SKINDICHT® O-ring FKM metric refer to page 757
- SKINDICHT® JT PTFE metric refer to page 758



SKINDICHT® MR-M hex.



Benefits

- Enables the use of cable glands with smaller connection threads than the existing threaded holes
- With guide notch for O-ring
- Assembling with a wrench

Application range

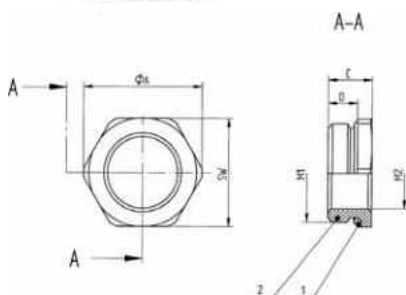
- Machines
- Devices
- Housings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

	Classification ETIM 5/6
	ETIM 5.0/6.0 Class-ID: EC000441
	ETIM 5.0/6.0 Class-Description: Cable screw gland
	On request
	FKM O-ring
	-20 °C to +200 °C
	Material
	Body: nickel-plated brass
	O-ring: NBR
	Temperature range
	-20 °C to +100 °C



Article number	Thread, male M1	Thread, female M2	SW wrench size mm	Ø A (mm)	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® MR-M hex.							
52101965	16 x 1.5	12 x 1.5	18	20.2	8.5	5.5	50
52101966	20 x 1.5	16 x 1.5	22	24.4	9.0	6	50
52101967	25 x 1.5	16 x 1.5	28	31.2	10.0	6.5	50
52101968	25 x 1.5	20 x 1.5	28	31.2	10.0	6.5	50
52101969	32 x 1.5	16 x 1.5	36	40.0	11.5	8	25
52101972	32 x 1.5	20 x 1.5	36	40.0	11.5	8	25
52101973	32 x 1.5	25 x 1.5	36	40.0	11.5	8	25
52101974	40 x 1.5	25 x 1.5	43	47.5	12.5	8.5	10
52101975	40 x 1.5	32 x 1.5	43	47.5	12.5	8.5	10
52101976	50 x 1.5	40 x 1.5	54	58.0	14.0	10	5
52101977	63 x 1.5	50 x 1.5	67	74.0	14.0	9.5	5
52101979	75 x 1.5	63 x 1.5	80	90.0	17.0	11	1
SKINDICHT® MR-M, blank brass, with hexagon							
52006563	80 x 2	63 x 1.5	85	93.5	23.0	15	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



Benefits

- Enables the use of cable glands with smaller connection threads than the existing threaded holes
- With guide notch for O-ring
- Assembling with a wrench

Application range

- Equipment group II / Category 2G+1D
- Devices, machines and apparatus
- For mobile applications in offshore and marine industries
- Chemical and petrochemical industry

Norm references / Approvals

- DIN EN 60079-0
- DIN EN 60079-7
- DIN EN 60079-31

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Certifications CE 0637 Ex II 2G Ex eb IIC Ex II 1D Ex ta IIIC IECEx IBE 13.0028X
	Material Body: nickel-plated brass O-ring: NBR
	Temperature range -30°C to +90°C

SKINDICHT® MR-M ATEX



Article number	Thread, male M1	Thread, female M2	Overall height (mm)	SW wrench size mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® MR-M ATEX							
52104570	16 x 1.5	12 x 1.5	10.5	17	5	19.0	50
52104571	20 x 1.5	16 x 1.5	13	22	6	24.5	50
52104572	25 x 1.5	20 x 1.5	15	27	7	30.1	25
52104573	32 x 1.5	25 x 1.5	16.5	34	8	37.2	25
52104574	40 x 1.5	32 x 1.5	16.5	41	8	45.6	10
52104575	50 x 1.5	40 x 1.5	19.5	50	10	55.3	5
52104576	63 x 1.5	50 x 1.5	18.5	65	8.5	71.3	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® ECU-M



Benefits

- Enables the use of cable glands with larger connection threads than the existing threaded holes
- Assembling with a wrench
- Supporting surface for spanner means scratches on the housing are avoided

Application range

- Machines
- Devices
- Housings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Colour delivered Light grey (RAL 7035) Black (RAL 9005), UV-resistant
	Material Polyamide, glass fibre-reinforced
	Temperature range -40°C to +100°C

Article number	Thread, male M1	Thread, female M2	SW wrench size mm	Pieces / PU
SKINDICHT® ECU-M				
52100300	12 x 1.5	16 x 1.5	20	100
52100301	16 x 1.5	20 x 1.5	24	100
52100302	20 x 1.5	25 x 1.5	29	100
52100303	25 x 1.5	32 x 1.5	36	50
52100304	32 x 1.5	40 x 1.5	46	25
52100305	40 x 1.5	50 x 1.5	55	10
52100306	50 x 1.5	63 x 1.5	68	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® GMP-GL-M refer to page 711



SKINDICHT® ME-M



Benefits

- Enables the use of cable glands with larger connection threads than the existing threaded holes

Application range

- Machines
- Devices
- Housings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



On request

with O-ring fitted



Material

Nickel-plated brass



Temperature range

-60°C to +200°C

Article number	Thread, male M1	Thread, female M2	Pieces / PU
SKINDICHT® ME-M			
52104450	12 x 1.5	16 x 1.5	100
52104452	16 x 1.5	20 x 1.5	100
52104454	20 x 1.5	25 x 1.5	100
52104456	25 x 1.5	32 x 1.5	50
52104458	32 x 1.5	40 x 1.5	50
52104460	40 x 1.5	50 x 1.5	25
52104462	50 x 1.5	63 x 1.5	25
SKINDICHT® ME-M hexagon			
52104463	63 x 1.5	75 x 1.5	1

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742
- SKINDICHT® O-Ring NBR metric refer to page 757
- SKINDICHT® O-ring FKM metric refer to page 757
- SKINDICHT® JT PTFE metric refer to page 758



SKINDICHT® ME-M ATEX



Benefits

- Enables the use of cable glands with larger connection threads than the existing threaded holes
- With guide notch for O-ring
- Assembling with a wrench

Application range

- Equipment group II / Category 2G+1D
- Devices, machines and apparatus
- For mobile applications in offshore and marine industries
- Chemical and petrochemical industry

Norm references / Approvals

- DIN EN 60079-0
- DIN EN 60079-7
- DIN EN 60079-31

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Certifications

CE 0637 Ex II 2G
Ex eb IIC
Ex II 1D Ex ta IIIC
IECEx IBE 13.0028X



Material

Body: nickel-plated brass
O-ring: NBR



Temperature range

-30°C to +90°C

Article number	Thread, male M1	Thread, female M2	Overall height (mm)	SW wrench size mm	Outer thread length (mm)	Outer Ø (mm)	Pieces / PU
SKINDICHT® ME-M ATEX							
52104580	12 x 1.5	16 x 1.5	17	18	5	20.0	50
52104581	16 x 1.5	20 x 1.5	20	22	6	24.0	50
52104582	20 x 1.5	25 x 1.5	22.5	27	6.5	30.0	50
52104583	25 x 1.5	32 x 1.5	21.5	34	6.5	37.7	25
52104584	32 x 1.5	40 x 1.5	23	42	7	46.0	25
52104585	40 x 1.5	50 x 1.5	26	54	8	59.0	25
52104586	50 x 1.5	63 x 1.5	32	67	9	73.0	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® MA-M/PG / SKINDICHT® MA-M/NPT



SKINDICHT® MA-M/PG



SKINDICHT® MA-M/NPT

Benefits

SKINDICHT® MA-M/PG

- Enables the use of PG accessories in metric threads

SKINDICHT® MA-M/NPT

- Enables the use of NPT accessories in metric threads

Application range

SKINDICHT® MA-M/PG

- Adapter from a metric outer thread to a PG inner thread.
- Machines
- Devices
- Housings

SKINDICHT® MA-M/NPT

- Adapter from a metric outer thread to an NPT inner thread.
- Machines
- Devices
- Housings

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



On request
with O-ring fitted



Material

Nickel-plated brass



Temperature range
-60°C to +200°C

Article number	Thread, male M1	Thread, female PG	Thread, female NPT	Pieces / PU
SKINDICHT® MA-M / PG				
52104200	16 x 1.5	7		100
52104210	20 x 1.5	9		50
52104220	25 x 1.5	11		50
52104230	25 x 1.5	13,5		50
52104240	25 x 1.5	16		50
52104250	32 x 1.5	16		25
52104260	32 x 1.5	21		25
52104270	40 x 1.5	21		25
52104280	50 x 1.5	29		10
52104290	63 x 1.5	36		10
52104300	63 x 1.5	42		10
SKINDICHT® MA-M / NPT				
54020100	16 x 1.5		1/2"	50
54020110	20 x 1.5		1/2"	50
54020120	25 x 1.5		1/2"	25
54020130	25 x 1.5		3/4"	25
54020140	32 x 1.5		1/2"	25
54020152	32 x 1.5		1"	25
54020153	40 x 1.5		1 1/4"	10
with hexagonal width flat				
54020121	25 x 1.5		1/2"	25
54020142	32 x 1.5		3/4"	25
54020161	40 x 1.5		1"	10
54020160	50 x 1.5		1 1/4"	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® TWIST-M

Swivelling coupler with hexagonal collar



Benefits

- Exact positioning of e.g. elbowed fittings
- Swivelling coupler with increased sealing
- Prevents cables and conduits to get damaged due to (unintentionally) encountered torsional stress

Application range

- Control cabinet manufacturing
- Control systems
- Mechanical engineering
- For mobile equipment and machines
- In combination with metric threaded (conduit) fittings

Product features

- Swivelling upper part
- High sealing performance

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Note On request: size M12, M32, M40, M50, M63
	Material Body: nickel-plated brass Spring ring: spring steel Sealing: FKM
	Protection rating IP 68
	Temperature range -20°C up to +200°C

Article number	Thread, male M1	Thread, female M2	SW wrench size mm	Pieces / PU
SKINDICHT® TWIST-M				
52104731	16 x 1.5	16 x 1.5	20	10
52104732	20 x 1.5	20 x 1.5	24	10
52104733	25 x 1.5	25 x 1.5	29	5

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM-M refer to page 742



SKINDICHT® O-Ring NBR metric

Application range

- For sealing the housing reliably to protect against oils, dust, and water at the connection thread of a gland or other similar parts

Note

- O-rings with thickness of 1.5 mm are recommended for optimum sealing of the converter SKINDICHT® ZSE-M 12/16/20 x 1.5
- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001181

ETIM 5.0/6.0 Class-Description:
Sealing ring

Colour delivered

Black



Material

NBR



Temperature range

-20°C to +100°C



Article number	Article designation / size	Inner Ø (mm)	Cable thickness (mm)	Pieces / PU
SKINDICHT® O-Ring NBR metric				
53102001	M 12 x 1,5	9.0	1.5	100
53102000	M 12 x 2,0	9.0	2	100
53102010	M 16 x 2,0	13.0	2	100
53102021	M 20 x 1,5	17.0	1.5	100
53102020	M 20 x 2,0	17.0	2	100
53102030	M 25 x 2,0	22.0	2	100
53102040	M 32 x 2,0	28.0	2	50
53102050	M 40 x 2,0	36.0	2	50
53102060	M 50 x 2,0	46.0	2	25
53102070	M 63 x 2,0	57.0	2	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINDICHT® O-ring FKM metric

Application range

- For sealing the housing reliably to protect against oils, acids, and chemicals at the connection thread of a gland or other similar parts under extreme conditions

Note

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001181

ETIM 5.0/6.0 Class-Description:
Sealing ring

Colour delivered

Green



Material

FKM



Temperature range

-20°C to +200°C



Article number	Article designation / size	Inner Ø (mm)	Cable thickness (mm)	Pieces / PU
SKINDICHT® O-ring FKM metric				
52122000	M 12 x 2,0	9.0	2	100
52122001	M 12 x 1,5	9.0	1.5	100
52122010	M 16 x 2,0	13.0	2	100
52122020	M 20 x 2,0	17.0	2	100
52122021	M 20 x 1,5	17.0	1.5	100
52122030	M 25 x 2,0	22.0	2	100
52122040	M 32 x 2,0	28.0	2	50
52122050	M 40 x 2,0	36.0	2	50
52122060	M 50 x 2,0	46.0	2	25
52122070	M 63 x 2,0	57.0	2	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINDICHT® JT PTFE metric



Benefits

- Resistant to oil, water, alkaline solutions, acids, solvents, etc.
- Suitable for foodstuffs

Application range

- PTFE sealing disks for SKINTOP® and SKINDICHT® cable glands

Note

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC001181
ETIM 5.0/6.0 Class-Description:
Sealing ring



Colour delivered

White



Material

PTFE



Temperature range

-120°C to +250°C
Short-term: up to +300°C

Article number	Article designation / size	Inner Ø (mm)	Thickness (mm)	Outer Ø (mm)	Pieces / PU
SKINDICHT® JT PTFE metric					
53801030	M 12	12.1	2.0	16.6	100
53801040	M 16	16.1	2.0	21.1	100
53801050	M 20	20.1	2.0	27.5	100
53801060	M 25	25.1	3.0	33.4	50
53801070	M 32	32.1	3.0	40.3	50
53801080	M 40	40.2	3.0	51.5	25
53801090	M 50	50.2	3.0	61.6	25
53801100	M 63	63.2	3.0	73.9	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

SKINDICHT® WN-M



Benefits

- Pierceable membrane

Application range

- Easy cable feed-through wherever strain relief is not required.

Product Make-up

- Metric connection thread acc. to DIN EN 60423
- Basis for technical information DIN IEC 62444

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Note

Upon request: Black colour



Colour delivered

Light grey (RAL 7035)



Material

PE



Protection rating

IP 54



Temperature range

-30°C to +80°C

Article number	Article designation / size	Opening (mm)	SW wrench size mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® WN-M						
52020513	M 16 x 1,5	5.0 - 10.0	15	10	20.0	200
52020523	M 20 x 1,5	8.0 - 13.5	19	12	24.0	200
52020533	M 25 x 1,5	9.0 - 16.0	24	12	28.0	100
52020543	M 32 x 1,5	11.0 - 22.0	30	14	37.0	50
52020553	M 40 x 1,5	17.0 - 34.0	37	16	45.0	50
52020563	M 50 x 1,5	22.0 - 35.0	46	18	55.5	20
52020573	M 63 x 1,5	24.0 - 43.0	56	20	68.5	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINDICHT® DTN

Benefits

- Can be used as multiple-duct sleeve
- Strain relief

Application range

- Grommets for cables from 4 to 32 mm cable diameter.

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000879 ETIM 5.0/6.0 Class-Description: Feed through spout
	Colour delivered Black
	Material CR
	Temperature range -30°C to +100°C



Article number	Article designation / size	Ø F mm	Metal thickness (mm)	Hole in housing Ø (mm)	Sleeve inner Ø (mm)	Pieces / PU
SKINDICHT® DTN						
52105020	DTN 1	4.0 - 9.0	2.5	16	9	50
52105030	DTN 2	7.0 - 12.0	2.5	19	12	50
52105040	DTN 3	12.0 - 17.5	2.5	25	18	50
52105050	DTN 4	18.0 - 23.0	2.5	32	25	25
52105060	DTN 5	25.0 - 29.0	3.0	38	32	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Benefits

- Protection against sharp or angular housing walls
- Easy to assemble

Application range

- Housings
- Control cabinet manufacturing

Note

- Simply push the grommet into the hole until the groove engages.

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000879 ETIM 5.0/6.0 Class-Description: Feed through spout
	Colour delivered Black
	Material CR
	Temperature range -30°C to +90°C



Article number	Article designation / size	Metal thickness (mm)	Sleeve outer Ø (mm)	Hole in housing Ø (mm)	Sleeve inner Ø (mm)	Pieces / PU
SKINDICHT® LA						
61713520	LA 3	1.5 - 2.0	10	7	3	100
61713530	LA 4	1.5 - 2.0	11	8	4	100
61713540	LA 5	1.5 - 2.0	11	7	5	100
61713550	LA 6	1.5 - 2.0	14	9	6	100
61713560	LA 7	1.5 - 2.0	16	12	7	100
61713570	LA 8	1.5 - 2.0	15	11	8	100
61713580	LA 9	1.5 - 2.0	16	11	9	100
61713590	LA 11	1.5 - 2.0	19	14	11	100
61713600	LA 12	1.5 - 2.0	25	18	12	100

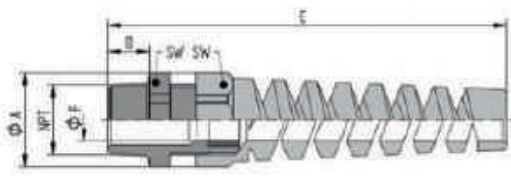
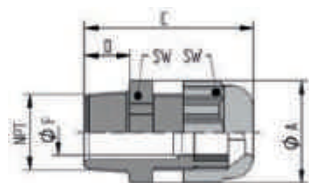
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Cable glands

SKINTOP® cable glands plastic and metal NPT • Plastic



SKINTOP® ST NPT / BS NPT



Benefits

- Conical NPT thread
- Permanent vibration protection
- Optimum strain relief
- Wide, variable clamping ranges
- Maximum reliability

Application range

- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- Machine and equipment manufacturing
- Automation technology
- Devices
- Housings

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- NPT connection thread acc. to ASME B1.20.1 - 2013
- SKINTOP® STR NPT is equipped with a reduction seal insert to seal cables and wires with small outer diameters

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Colour delivered Silver grey (RAL 7001) Black (RAL 9005), UV-resistant
	Material Body: Polyamide Seal: CR
	Protection rating IP 68 - 5 bar
	Temperature range Dynamic: -20°C to +100°C Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® ST NPT silver grey						
53016010	NPT 3/8"	3,5 - 8	19	43.0	15	100
53016030	NPT 1/2"	5 - 12	24	47.0	15	100
53016050	NPT 3/4"	13 - 18	33	53.0	15	50
53016060	NPT 1"	14 - 25	42	60.0	15	25
SKINTOP® ST NPT black						
53016210	NPT 3/8"	3,5 - 8	19	43.0	15	100
53016230	NPT 1/2"	5 - 12	24	47.0	15	100
53016250	NPT 3/4"	13 - 18	33	53.0	15	50
53016260	NPT 1"	14 - 25	42	60.0	15	25
SKINTOP® STR NPT silver grey						
53016110	NPT 3/8"	2 - 6	19	43.0	15	100
53016130	NPT 1/2"	4 - 9	24	47.0	15	100
53016150	NPT 3/4"	9 - 16	33	53.0	15	50
SKINTOP® STR NPT black						
53016310	NPT 3/8"	2 - 6	19	43.0	15	100
53016330	NPT 1/2"	4 - 9	24	47.0	15	100
53016350	NPT 3/4"	9 - 16	33	53.0	15	50
SKINTOP® BS NPT silver grey						
53016610	NPT 3/8"	3,5 - 8	19	80.5	15	100
53016630	NPT 1/2"	5 - 12	24	104.0	15	100
53016650	NPT 3/4"	13 - 18	33	133.0	15	50
SKINTOP® BS NPT black						
53016810	NPT 3/8"	3,5 - 8	19	80.5	15	100
53016830	NPT 1/2"	5 - 12	24	104.0	15	100
53016850	NPT 3/4"	13 - 18	33	133.0	15	50

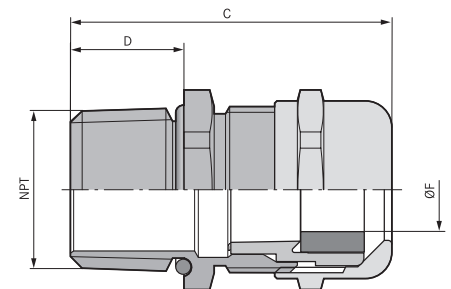
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Accessories

- SKINTOP® GMP-GL NPT refer to page 767



SKINTOP® MS NPT



Benefits

- Conical NPT thread
- Maximum reliability
- Optimum strain relief
- Wide, variable clamping ranges

Application range

- In areas where mechanical and chemical stability are critical
- Chemical industry
- Measurement and control technology
- Machine and equipment manufacturing
- Plant engineering

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- NPT connection thread acc. to ASME B1.20.1 - 2013
- SKINTOP® MSR NPT is equipped with a reduction seal insert to seal cables and wires with small outer diameters

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Material Body: nickel-plated brass Insert: polyamide Sealing: CR O-ring: NBR
	Protection rating IP 68 - 10 bar NEMA Type 1, 4x, 6, 12
	Temperature range Dynamic: -25°C up to + 100°C Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS NPT						
53112004	NPT 1/4"	3,5 - 7	16	36.0	15	100
53112014	NPT 3/8"	4,5 - 9	20	39.7	15	100
53112024	NPT 1/2"	7 - 12,5	24	42.5	15	50
53112034	NPT 3/4"	9 - 16,5	29	44.5	15	25
53112044	NPT 1"	11 - 21	36	49.0	15	25
53112054	NPT 1 1/4"	19 - 28	45	57.5	17	10
53112064	NPT 1 1/2"	27 - 35	54	61.5	17	5
53112074	NPT 2"	34 - 45	67	63.5	17	5
SKINTOP® MSR NPT						
53112006	NPT 1/4"	1 - 5	16	36.0	15	100
53112016	NPT 3/8"	2 - 7	20	39.7	15	100
53112026	NPT 1/2"	5 - 10	24	42.5	15	50
53112036	NPT 3/4"	6 - 13	29	44.5	15	25
53112046	NPT 1"	7 - 15	36	49.0	15	25
53112056	NPT 1 1/4"	15 - 23	45	57.5	17	10
53112066	NPT 1 1/2"	22 - 29	54	61.5	17	5
53112076	NPT 2"	28 - 39	67	63.5	17	5

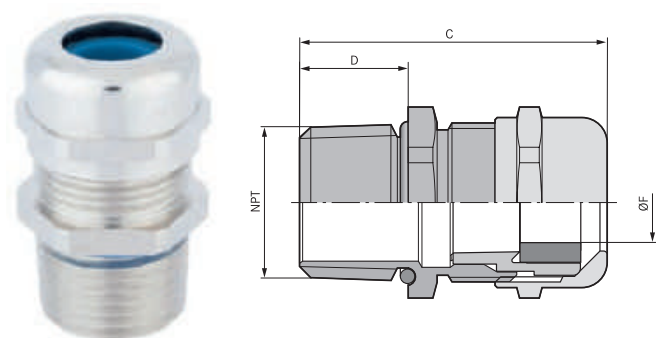
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Accessories

- SKINDICHT® SM-NPT refer to page 768



SKINTOP® COLD NPT



Info

- For extreme sub-zero temperatures

Benefits

- High cold-resistance
- Cold impact resistance
- High mechanical stability
- Optimum strain relief
- Wide, variable clamping ranges

Application range

- In areas where mechanical stability and high cold-resistance are critical
- Air-conditioning technology
- Freezing plants, cold storage
- Offshore sector
- Plant engineering

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- NPT connection thread acc. to ASME B1.20.1 - 2013
- SKINTOP® COLD-R NPT is equipped with a reduction seal insert to seal cables and wires with small outer diameters

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

Body: nickel-plated brass
Insert: special polyamide
Sealing ring: silicone
O-ring: silicone



Protection rating

IP 68 - 10 bar (NPT 1/4" - 1/2")
IP 68 - 5 bar (NPT 3/4" - 2")
NEMA Type 1, 2, 4x, 6, 12



Temperature range

-70°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® COLD NPT						
53113700	1/4"	4 - 7	16	36.0	15	100
53113701	3/8"	5 - 10	20	39.7	15	100
53113702	1/2"	7 - 13	24	42.5	15	50
53113703	3/4"	9 - 17	29	44.5	15	25
53113704	1"	11 - 21	36	49.0	15	25
53113705	1 1/4"	19 - 28	45	57.5	15	10
53113706	1 1/2"	27 - 35	54	61.5	17	5
53113707	2"	34 - 45	67	63.5	17	5
SKINTOP® COLD-R NPT						
53113710	1/4"	3 - 5	16	36.0	15	100
53113711	3/8"	4,5 - 7	20	39.7	15	100
53113712	1/2"	6 - 10	24	42.5	15	50
53113713	3/4"	7 - 13	29	44.5	15	25
53113714	1"	8 - 15	36	49.0	15	25
53113715	1 1/4"	15 - 23	45	57.5	17	10
53113716	1 1/2"	22 - 29	54	61.5	17	5
53113717	2"	28 - 39	67	63.5	17	5

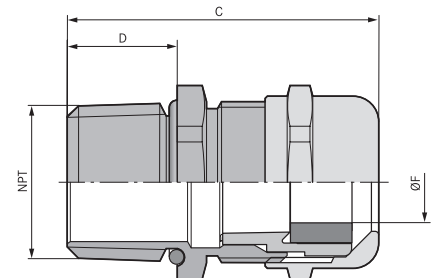
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Accessories

- SKINDICHT® SM-NPT refer to page 768



SKINTOP® MS-SC NPT



Benefits

- Low-resistance screen contact, optimum EMC protection
- Suitable for cables with and without inner sheath
- Also suitable for continuing the cable screen to another connection
- Highly conductive, flexible EMC contact for clamping various screen diameters
- Few operation steps, easy to assemble

Application range

- For EMC-compliant earthing of the copper braiding
- Automation technology
- Telecommunication
- Measurement and control technology
- Industrial machinery and plant engineering

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- NPT connection thread acc. to ASME B1.20.1 - 2013

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Material Body: nickel-plated brass Insert: polyamide Sealing: CR O-ring: NBR
	Protection rating IP 68 - 10 bar NEMA Type 1, 4x, 6, 12
	Temperature range Dynamic: -25°C up to + 100°C Fixed: -40°C up to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-SC NPT						
53112910	NPT 3/8"	4,5 - 10	20	39,7	15	100
53112920	NPT 1/2"	7 - 13	24	42,5	15	50
53112930	NPT 3/4"	9 - 17	29	44,5	15	25
53112940	NPT 1"	11 - 21	36	49,0	15	25
53112950	NPT 1 1/4"	19 - 28	45	57,5	17	10
53112960	NPT 1 1/2"	27 - 35	54	61,5	17	5

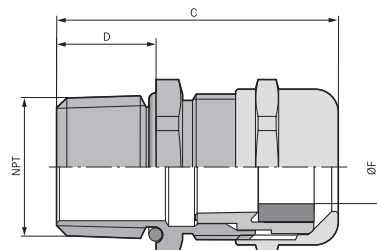
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Accessories

- SKINDICHT® SM-NPT refer to page 768



SKINTOP® MS-NPT BRUSH

**Benefits**

- Optimum, low-resistance 360° screen contact
- Faster than any other comparable system
- Uncomplicated and reliable
- Maximum assembly freedom during adjustment

Application range

- For EMC-compliant earthing of the copper braiding
- Automation technology
- High-power drives
- Frequency converters
- Conveyor and transport systems

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- NPT connection thread acc. to ASME B1.20.1 - 2013

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

**Material**

Body: nickel-plated brass
Cap nut: nickel-plated brass
Insert: polyamide
EMC brush: brass wire
Sealing ring: elastomer
O-ring: elastomer

**Protection rating**

IP 68 - 10 bar
NEMA Type 1, 4x, 6, 12

**Temperature range**

Dynamic: -25°C up to + 100°C
Fixed: -40°C up to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-NPT BRUSH						
53112037	NPT 3/4"	9 - 17	29	43.0	15	10
53112047	NPT 1"	11 - 21	36	48.2	15	1
53112057	NPT 1 1/4"	19 - 28	45	57.5	17	1
53112067	NPT 1 1/2"	27 - 35	54	59.0	17	1
53112077	NPT 2"	34 - 45	67	63.3	17	1
53112087	NPT 2" plus	44 - 55	75	72.5	17	1

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Accessories

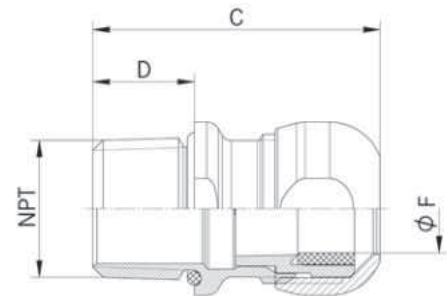
- SKINDICHT® SM-NPT refer to page 768



SKINTOP® INOX NPT

i Info

- Stainless steel version with compact design
- For use in the splash zone in the food production



Benefits

- Corrosion-resistant
- Sea water-resistant
- Smooth surfaces - no edges
- Compact design
- Wide, variable clamping ranges

Application range

- Onshore and offshore applications
- Bottling plants and breweries
- Food industry (product-free zone, splash zone)

Norm references / Approvals

- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry
- DIN EN 1672-2
Guideline for the design of machinery
- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery
- NSF/ANSI 169
Hygienic design for machinery and components

Product Make-up

- NPT connection thread acc. to ASME B1.20.1 - 2013

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

Material
Body: stainless steelV4A (1.4404 / 316L)
Insert: polyamide
Sealing: silicone
O-Ring: silicone

Protection rating
IP 68 - 5 bar
IP 69
NEMA Type 1, 2, 4x, 6, 12

Temperature range
-40°C to +100°C

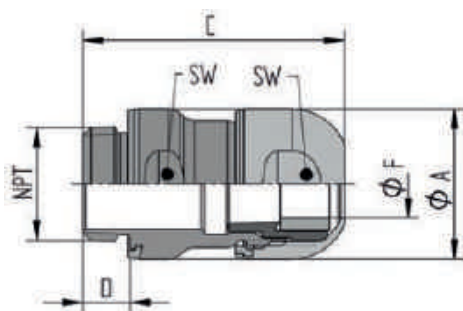
Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® INOX NPT						
53806780	NPT 1/2"	7-13	24	42.5	15	5
53806781	NPT 3/4"	9-17	29	46.2	15	5
53806782	NPT 1"	11-21	36	50.6	15	5
53806783	NPT 1 1/4"	19-28	45	59.2	17	5
53806784	NPT 1 1/2"	27-35	54	63.2	17	5

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Accessories

- SKINDICHT® SM-NPT INOX refer to page 768

SKINTOP® cable glands plastic and metal NPT • Stainless steel

**SKINTOP® HYGIENIC NPT****Info**

- Ideal for hygienic critical areas - resistant, edge-free, robust and reliable
- No gaps, voids or outer lying thread - so no risk of contamination of food machines, facilities or components

Benefits

- Hygienic Design for ideal cleaning results
- Smooth surfaces and no edges prevent the accumulation of fluids and formation of micro-organisms

Application range

- Food machinery, equipment and components
- For use in **product zone**
- Pharmaceutical industry

Norm references / Approvals

- EHEDG (TYPE EL Class I AUX)
Hygienic design for machinery and components
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry

- FDA 21 CFR 177.2600

Special sealing element for food and beverage industry in North America

- NSF/ANSI 169

Hygienic design for machinery and components

Product Make-up

- Material and shape provide an easy and safe cleaning
- By the blue coloring of the sealing material clearly distinguishable from foodstuffs
- One complete assembly is easily mounted from the outside
- NPT connection thread acc. to ASME B1.20.1 - 2013

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

**Material**

Body: stainless steel - V4A (1.4404 / 316L)
Insert: polyamide
Sealing: special elastomer

**Protection rating**

IP 68 - 10 bar
IP 69
NEMA Type 1, 2, 4x, 6, 12

**Temperature range**

-20°C to +100°C

Article number	Article designation / size	Ø F mm	Thread length D mm	SW wrench size mm	Overall length C mm	Pieces / PU
SKINTOP® HYGIENIC NPT						
54114100	NPT 1/4"	4-6	7.2	16	39.5	5
54114110	NPT 3/8"	6,5-9	7.8	20	42.5	5
54114120	NPT 1/2"	9-12	8.4	24	47.0	5
54114130	NPT 3/4"	11,5-15,5	8.8	29	50.0	5
SKINTOP® HYGIENIC-R NPT						
54114200	NPT 1/4"	3-4,5	7.2	16	39.5	5
54114210	NPT 3/8"	4,5-7	7.8	20	42.5	5
54114220	NPT 1/2"	7-10	8.4	24	47.0	5
54114230	NPT 3/4"	9-12,5	8.4	29	50.0	5

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Accessories

- SKINDICHT® SM-NPT INOX refer to page 768



SKINTOP® GMP-GL NPT



Benefits

- Glass fibre-reinforced for maximum mechanical stability

Application range

- For locking SKINTOP® cable glands in boreholes without thread.

Product Make-up

- NPT connection thread
- Available without collar (without surface for assembling tool)

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000940 ETIM 5.0/6.0 Class-Description: Locknut for cable screw gland
	Colour delivered Silver grey (RAL 7001) Light grey (RAL 7035) Black (RAL 9005)
	Material Polyamide, glass fibre-reinforced
	Temperature range -20°C to +100°C

Article number	Article designation / size	Thickness (mm)	SW wrench size mm	Pieces / PU
SKINTOP® GMP-GL NPT silvergrey				
53019301	NPT 3/8"	5.0	22	100
53019311	NPT 1/2"	6.0	27	100
53019321	NPT 3/4"	7.0	36	100
53019331	NPT 1"	7.0	42	100
SKINTOP® GMP-GL NPT black				
53019305	NPT 3/8"	5.0	22	100
53019315	NPT 1/2"	6.0	27	100
53019325	NPT 3/4"	7.0	36	100
53019335	NPT 1"	7.0	42	100
SKINTOP® GMP-GL NPT lightgrey				
53019300	NPT 3/8"	5.0	22	100
53019310	NPT 1/2"	6.0	27	100
53019320	NPT 3/4"	7.0	36	100
53019330	NPT 1"	7.0	42	100

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SKINDICHT® SM-NPT



Application range

- Used when a gland has to be countered, or in through-holes on thin-walled housings

Product Make-up

- NPT connection thread

Note

- Other sizes are available upon request

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000940

ETIM 5.0/6.0 Class-Description:

Locknut for cable screw gland



Material

Nickel-plated brass



Temperature range

-60°C to +200°C

Article number	Article designation / size	Pieces / PU
SKINDICHT® SM-NPT		
52103540	NPT 1/2"	50
52103550	NPT 3/4"	20
52103560	NPT 1"	20
52103570	NPT 1 1/4"	20
52103580	NPT 1 1/2"	10
52103590	NPT 2"	10

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SKINDICHT® SM-NPT INOX



Application range

- Used when a gland has to be countered, or in through-holes on thin-walled housings

Product Make-up

- NPT connection thread

Note

- Other sizes are available upon request

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000940

ETIM 5.0/6.0 Class-Description:

Locknut for cable screw gland



Material

Stainless steel



Temperature range

-60°C to +200°C

Article number	Article designation / size	Pieces / PU
SKINDICHT® SM-NPT INOX		
52103500	NPT 1/2"	50
52103510	NPT 3/4"	50
52103520	NPT 1"	25
52103530	NPT 1 1/4"	10

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SKINDICHT® HYGIENIC BL-NPT

Info

- Ideal for hygienic critical areas - resistant, edge-free, robust and reliable
- No gaps, voids or outer lying thread - so no risk of contamination of food machines, facilities or components



Benefits

- For closing pre-threaded holes
- Assembling with a wrench

Application range

- Food machinery, equipment and components
- For use in **product zone**
- Pharmaceutical industry

Norm references / Approvals

- NSF/ANSI 169
Hygienic design for machinery and components
- ECOLAB®
Industry standard in the field of professional cleaning and disinfection in the food and beverage industry

- FDA 21 CFR 177.2600
Special sealing element for food and beverage industry in North America
- DIN EN 1672-2
Guideline for the design of machinery
- DIN EN ISO 14159
Security of machinery Hygienic requirements for the design of machinery

Product Make-up

- Material and shape provide an easy and safe cleaning
- By the blue coloring of the sealing material clearly distinguishable from foodstuffs
- NPT connection thread acc. to ASME B1.20.1 - 2013

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	Material Body: stainless steel - V4A (1.4404 / 316L) Insert: polyamide Sealing: special elastomer
	Protection rating IP 68 - 10 bar
	Temperature range -20°C to +100°C

Article number	Article designation / size	SW wrench size mm	Overall length C mm	Thread length D mm	Outer Ø (mm)	Pieces / PU
SKINDICHT® HYGIENIC BL-NPT						
52103494	NPT 1/4"	16	17.4	7	18.8	5
52103495	NPT 3/8"	20	18.7	7.8	22.8	5
52103496	NPT 1/2"	24	20.3	8.4	26.8	5
52103497	NPT 3/4"	29	21.5	8.8	31.8	5

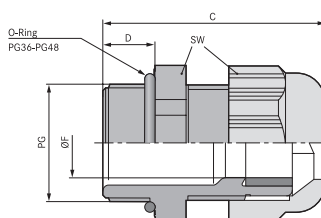
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Accessories

- SKINDICHT® SM-NPT INOX refer to page 768



SKINTOP® ST / SKINTOP® STR



Benefits

- High oil-resistance for maximum reliability
- Permanent vibration protection
- Optimum strain relief
- Wide, variable clamping ranges
- Various accessories (e.g. multiple sealing inserts)

Application range

SKINTOP® ST

- Used in areas where a lot of cables and wires need to be inserted into housings with minimum space requirements
- Machine and equipment manufacturing
- Photovoltaic
- Automation technology

SKINTOP® STR

- With reducing seal insert, to seal cables with smaller outer diameters

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- PG connection thread acc. to DIN 40430

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Colour delivered

Silver grey (RAL 7001)
Light grey (RAL 7035)
Black (RAL 9005), UV-resistant



Material

Body: Polyamide
Seal: CR



Tests

GGVS: TÜ.EGG.020-95



Protection rating

IP 68 - 5 bar
NEMA Type 1, 12



Temperature range

Dynamic: -20°C up to +80°C
Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® ST silver grey						
53015000	PG 7	2,5 - 6,5	15	32.0	7.8	100
53015010	PG 9	3,5 - 8	19	36.0	8	100
53015020	PG 11	4 - 10	22	38.0	8	100
53015030	PG 13,5	6 - 12	24	41.0	9	100
53015040	PG 16	9 - 14	27	44.0	10	50
53015050	PG 21	13 - 18	33	49.0	11	50
53015060	PG 29	14 - 25	42	56.0	10.7	25
53015070	PG 36	24 - 32	53	66.0	13.3	10
53015080	PG 42	35 - 38	60	68.0	13.4	5
53015090	PG 48	39 - 44	65	69.0	14.3	5
SKINTOP® ST black						
53015200	PG 7	2,5 - 6,5	15	32.0	7.8	100
53015210	PG 9	3,5 - 8	19	36.0	8	100
53015220	PG 11	4 - 10	22	38.0	8	100
53015230	PG 13,5	6 - 12	24	41.0	9	100
53015240	PG 16	9 - 14	27	44.0	10	50
53015250	PG 21	13 - 18	33	49.0	11	50
53015260	PG 29	14 - 25	42	56.0	10.7	25
53015270	PG 36	24 - 32	53	66.0	13.3	10
53015280	PG 42	35 - 38	60	68.0	13.4	5
53015290	PG 48	39 - 44	65	69.0	14.3	5
SKINTOP® ST light grey						
53018000	PG 7	2,5 - 6,5	15	32.0	7.8	100
53018010	PG 9	3,5 - 8	19	36.0	8	100
53018020	PG 11	4 - 10	22	38.0	8	100
53018030	PG 13,5	6 - 12	24	41.0	9	100
53018040	PG 16	9 - 14	27	44.0	10	50
53018050	PG 21	13 - 18	33	49.0	11	50
53018060	PG 29	14 - 25	42	56.0	10.7	25
53018070	PG 36	24 - 32	53	66.0	13.3	10
53018080	PG 42	35 - 38	60	68.0	13.4	5
53018090	PG 48	39 - 44	65	69.0	14.3	5

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® STR silver grey						
53015100	PG 7	1,5 - 5	15	32.0	7.8	100
53015110	PG 9	2 - 6	19	36.0	8	100
53015120	PG 11	2 - 7	22	38.0	8	100
53015130	PG 13,5	4 - 9	24	41.0	9	100
53015140	PG 16	6 - 12	27	44.0	10	50
53015150	PG 21	9 - 16	33	49.0	11	50
53015160	PG 29	11 - 20	42	56.0	10.7	25
53015170	PG 36	17 - 26	53	66.0	13.3	10
53015180	PG 42	22 - 31	60	68.0	13.4	5
53015190	PG 48	26 - 35	65	69.0	14.3	5
SKINTOP® STR black						
53015300	PG 7	1,5 - 5	15	32.0	7.8	100
53015310	PG 9	2 - 6	19	36.0	8	100
53015320	PG 11	2 - 7	22	38.0	8	100
53015330	PG 13,5	4 - 9	24	41.0	9	100
53015340	PG 16	6 - 12	27	44.0	10	50
53015350	PG 21	9 - 16	33	49.0	11	50
53015360	PG 29	11 - 20	42	56.0	10.7	25
53015370	PG 36	17 - 26	53	66.0	13.3	10
53015380	PG 42	22 - 31	60	68.0	13.4	5
53015390	PG 48	26 - 35	65	69.0	14.3	5
SKINTOP® STR light grey						
53018100	PG 7	1,5 - 5	15	32.0	7.8	100
53018110	PG 9	2 - 6	19	36.0	8	100
53018120	PG 11	2 - 7	22	38.0	8	100
53018130	PG 13,5	4 - 9	24	41.0	9	100
53018140	PG 16	6 - 12	27	44.0	10	50
53018150	PG 21	9 - 16	33	49.0	11	50
53018160	PG 29	11 - 20	42	56.0	10.7	25
53018170	PG 36	17 - 26	53	66.0	13.3	10
53018180	PG 42	22 - 31	60	68.0	13.4	5
53018190	PG 48	26 - 35	65	69.0	14.3	5

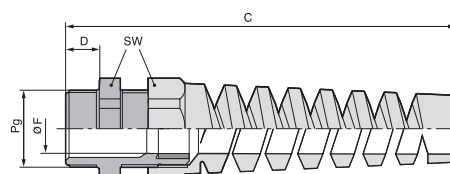
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Accessories

- SKINTOP® DIX refer to page 778
- SKINTOP® GMP-GL refer to page 777
- SKINTOP® DIX-AUTOMATION refer to page 779
- SKINTOP® SD refer to page 780
- SKINTOP® DV refer to page 780



SKINTOP® BS



Benefits

- Reliable bending and anti-kink protection
- Cable conservation
- Functional reliability
- To protect flexible cables

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Handheld device
- Robotics industry
- Light and sound applications
- Moving machine parts

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- PG connection thread acc. to DIN 40430

Note

- Version with smaller insert to seal smaller cable cross-sections, SKINTOP® BSR, is available upon request

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data

ETIM	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
Caution	Refer to Appendix T21 for the installation dimensions and torques
RAL	Colour delivered Silver grey (RAL 7001) Black (RAL 9005), UV-resistant
Material	Body: Polyamide Seal: CR
IP	Protection rating IP 68 - 5 bar
Temperature range	-20°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® BS silver grey						
53015600	PG 7	2,5 - 6,5	15	62.0	7.8	100
53015610	PG 9	3,5 - 8	19	75.0	8	100
53015620	PG 11	4 - 10	22	87.0	8	100
53015630	PG 13,5	6 - 12	24	100.0	9	50
53015640	PG 16	9 - 14	27	113.0	10	25
53015650	PG 21	13 - 18	33	129.0	11	25
SKINTOP® BS black						
53015800	PG 7	2,5 - 6,5	15	62.0	7.8	100
53015810	PG 9	3,5 - 8	19	75.0	8	100
53015820	PG 11	4 - 10	22	87.0	8	100
53015830	PG 13,5	6 - 12	24	100.0	9	50
53015840	PG 16	9 - 14	27	113.0	10	25
53015850	PG 21	13 - 18	33	129.0	11	25

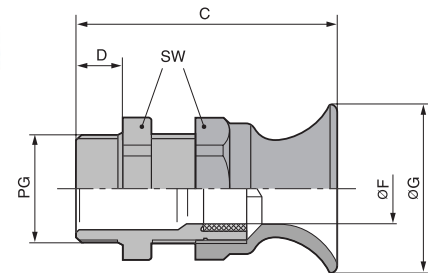
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Accessories

- SKINTOP® GMP-GL refer to page 777



SKINTOP® BT



Benefits

- Reliable bending and anti-kink protection
- Cable conservation
- Functional reliability
- To protect flexible cables

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Handheld device
- Apparatus construction
- Light and sound applications
- Moving machine parts

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- PG connection thread acc. to DIN 40430

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution Refer to Appendix T21 for the installation dimensions and torques
	Colour delivered Silver grey (RAL 7001)
	Material Body: Polyamide Seal: CR
	Protection rating IP 68 - 5 bar
	Temperature range -20°C to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® BT silver grey						
53015410	PG 9	3,5 - 8	19	42.9	8	100
53015420	PG 11	4 - 10	22	47.7	8	100
53015430	PG 13,5	6 - 12	24	52.0	9	50
53015440	PG 16	9 - 14	27	55.9	10	50
53015450	PG 21	13 - 18	33	64.4	11	50

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Accessories

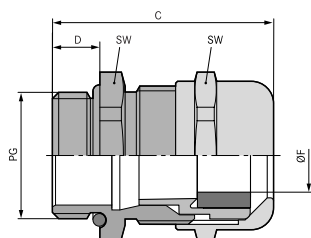
- SKINTOP® GMP-GL refer to page 777



SKINTOP® MS / SKINTOP® MSR



SKINTOP® MS SKINTOP® MSR



Benefits

- Maximum reliability
- Optimum strain relief
- Wide, variable clamping ranges

Application range

SKINTOP® MS

- In areas where mechanical and chemical stability are critical
- Chemical industry
- Measurement and control technology
- Machine and equipment manufacturing
- Plant engineering

SKINTOP® MSR

- With reducing seal insert, to seal cables with smaller outer diameters

Product Make-up

- PG connection thread acc. to DIN 40430

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR



Protection rating

IP 68 - 5 bar



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C up to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS						
52015700	PG 7	2.0 - 6.5	14	25.0	5	100
52015710	PG 9	4.0 - 8.0	17	29.0	6	100
52015720	PG 11	4.0 - 10.0	20	32.0	6	50
52015730	PG 13,5	5.0 - 12.0	22	34.0	6.5	50
52015740	PG 16	8.0 - 14.0	24	35.0	6.5	50
52015750	PG 21	11.0 - 18.0	30	40.0	7	25
52015760	PG 29	16.0 - 25.0	40	48.0	8	25
52015765	PG 36	19.0 - 32.0	50	62.0	15	10
52015766	PG 42	28.0 - 38.0	57	62.0	15	5
52015767	PG 48	34.0 - 44.0	64	62.0	15	5
SKINTOP® MSR						
52015770	PG 7	2.0 - 5.0	14	25.0	5	100
52015780	PG 9	2.0 - 6.0	17	29.0	6	100
52015790	PG 11	3.0 - 7.0	20	32.0	6	50
52015800	PG 13,5	4.0 - 9.0	22	34.0	6.5	50
52015810	PG 16	6.0 - 13.0	24	35.0	6.5	50
52015820	PG 21	8.0 - 16.0	30	40.0	7	25
52015830	PG 29	10.5 - 20.0	40	48.0	8	25
52015831	PG 36	19.0 - 26.0	50	62.0	15	10
52015832	PG 42	24.0 - 31.0	57	62.0	15	5
52015833	PG 48	28.0 - 35.0	64	62.0	15	5

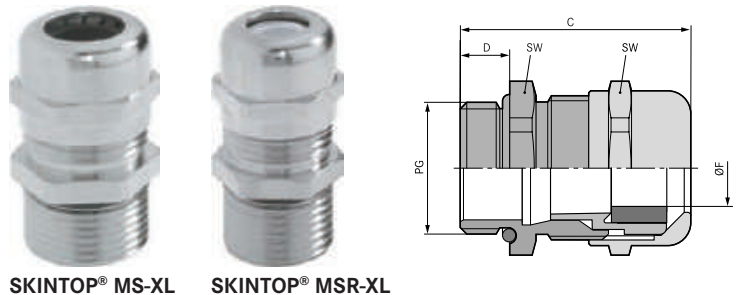
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Accessories

- SKINTOP® DIX refer to page 778
- SKINDICHT® SM refer to page 799
- SKINTOP® DIX-AUTOMATION refer to page 779
- SKINTOP® SD refer to page 780
- SKINTOP® DV refer to page 780



SKINTOP® MS-XL / SKINTOP® MSR-XL



SKINTOP® MS-XL SKINTOP® MSR-XL

Benefits

- Especially for thick walls
- Maximum reliability
- Wide, variable clamping ranges
- Optimum strain relief

Application range

SKINTOP® MS-XL

- With long connection thread for applications involving a thicker wall
- In areas where mechanical and chemical stability are critical
- Chemical industry
- Measurement and control technology
- Machine and equipment manufacturing

SKINTOP® MSR-XL

- With reducing seal insert, to seal cables with smaller outer diameters

Product Make-up

- PG connection thread acc. to DIN 40430

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

Refer to Appendix T21 for the installation dimensions and torques



Material

Body: nickel-plated brass
Insert: polyamide
Sealing: CR
O-ring: NBR



Protection rating

IP 68 - 5 bar



Temperature range

Dynamic: -25°C up to + 100°C
Fixed: -40°C up to +100°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-XL						
52115700	PG 7	2.0 - 6.5	14	32.0	12	100
52115710	PG 9	4.0 - 8.0	17	35.0	12	100
52115720	PG 11	4.0 - 10.0	20	38.0	12	50
52115730	PG 13,5	5.0 - 12.0	22	39.5	12	50
52115740	PG 16	8.0 - 14.0	24	40.5	12	50
52115750	PG 21	11.0 - 18.0	30	45.0	12	25
52115760	PG 29	16.0 - 25.0	40	52.0	15	25
SKINTOP® MSR-XL						
52115770	PG 7	2.0 - 5.0	14	32.0	12	100
52115780	PG 9	2.0 - 6.0	17	35.0	12	100
52115790	PG 11	3.0 - 7.0	20	38.0	12	50
52115800	PG 13,5	4.0 - 9.0	22	39.5	12	50
52115810	PG 16	6.0 - 13.0	24	40.5	12	50
52115820	PG 21	8.0 - 16.0	30	45.0	12	25
52115830	PG 29	10.5 - 20.0	40	52.0	15	25

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Accessories

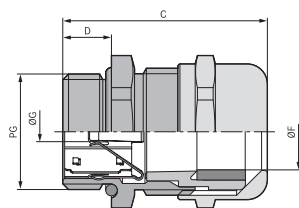
- SKINTOP® DIX refer to page 778
- SKINDICHT® SM refer to page 799
- SKINTOP® DIX-AUTOMATION refer to page 779
- SKINTOP® SD refer to page 780
- SKINTOP® DV refer to page 780

Cable glands

SKINTOP® cable glands nickel-plated brass PG • EMC



SKINTOP® MS-SC



Benefits

- Low-resistance screen contact, optimum EMC protection
- Suitable for cables with and without inner sheath
- Also suitable for continuing the cable screen to another connection
- Highly conductive, flexible EMC contact for clamping various screen diameters
- Few operation steps, easy to assemble

Application range

- For EMC-compliant earthing of the copper braiding
- Telecommunication
- Industrial machinery and plant engineering
- Measurement and control technology
- Automation technology

Product Make-up

- PG connection thread acc. to DIN 40430

Note

- EMC counter nut, SKINDICHT® SM nut should be used to ensure optimum contact with painted, anodised or powder-coated housings

Suitable tools

- SKINMATIC® RZ refer to page 810

Technical data

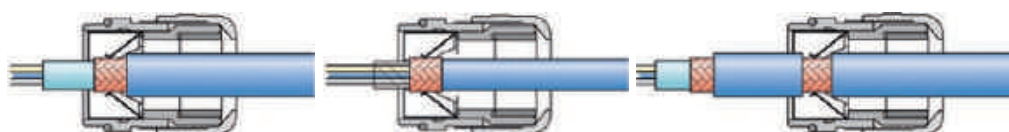
	Classification ETIM 5/6
	ETIM 5.0/6.0 Class-ID: EC000441
	ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution
	Refer to Appendix T21 for the installation dimensions and torques
	Material
	Body: nickel-plated brass
	Insert: polyamide
	Sealing: CR
	O-ring: NBR
	Protection rating
	IP 68 - 5 bar
	Temperature range
	Dynamic: -25°C up to + 100°C
	Fixed: -40°C to +100°C

Article number	Article designation / size	Ø F mm	Minimum Ø above braiding (mm)	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINTOP® MS-SC							
53112210	PG 9	3.0 - 8.0	4	17	29.0	6	50
53112220	PG 11	4.0 - 10.0	4	20	32.0	6	50
53112230	PG 13,5	5.0 - 12.0	4	22	34.0	6.5	25
53112240	PG 16	8.0 - 14.0	6	24	35.0	6.5	25
53112250	PG 21	11.0 - 18.0	8	30	40.0	7	25
53112260	PG 29	16.0 - 25.0	13	40	48.0	8	10
53112270	PG 36	19.0 - 32.0	16	50	62.0	15	5
SKINTOP® MS-SC XL							
53112310	PG 9	3.0 - 8.0	4	17	35.0	12	50
53112320	PG 11	4.0 - 10.0	4	20	38.0	12	50
53112330	PG 13,5	5.0 - 12.0	4	22	39.5	12	25
53112340	PG 16	8.0 - 14.0	6	24	40.5	12	25
53112350	PG 21	11.0 - 18.0	8	30	45.0	12	25
53112360	PG 29	16.0 - 25.0	13	40	52.0	15	10

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Accessories

- SKINTOP® DIX refer to page 778
- SKINDICHT® SM-PE refer to page 799
- SKINTOP® DIX-AUTOMATION refer to page 779
- SKINTOP® SD refer to page 780
- SKINTOP® DV refer to page 780





SKINTOP® GMP-GL



Benefits

- Glass fibre-reinforced for maximum mechanical stability
- Supporting surface for spanner means scratches on the housing are avoided

Application range

- For locking SKINTOP® cable glands in boreholes without thread.

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- PG connection thread

Note

- UL approval only when used with the UL-approved SKINTOP® polyamide cable glands
- Designed for use with SKINTOP® ST(R)

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	On request Available without collar (without surface for assembling tool)
	Colour delivered Silver grey (RAL 7001) Light grey (RAL 7035) Black (RAL 9005), UV-resistant
	Material Polyamide, glass fibre-reinforced
	Temperature range -20°C to +100°C

Article number	Article designation / size	SW wrench size mm	Pieces / PU
SKINTOP® GMP-GL silver grey with collar			
53019000	PG 7	19	100
53019010	PG 9	22	100
53019020	PG 11	24	100
53019030	PG 13,5	27	100
53019040	PG 16	30	100
53019050	PG 21	36	50
53019060	PG 29	46	50
53019070	PG 36	60	25
53019080	PG 42	65	25
53019090	PG 48	70	25
SKINTOP® GMP-GL black with collar			
53019200	PG 7	19	100
53019210	PG 9	22	100
53019220	PG 11	24	100
53019230	PG 13,5	27	100
53019240	PG 16	30	100
53019250	PG 21	36	50
53019260	PG 29	46	50
53019270	PG 36	60	25
53019280	PG 42	65	25
53019290	PG 48	70	25
SKINTOP® GMP-GL light grey with collar			
53019001	PG 7	19	100
53019011	PG 9	22	100
53019021	PG 11	24	100
53019031	PG 13,5	27	100
53019041	PG 16	30	100
53019051	PG 21	36	50
53019061	PG 29	46	50
53019071	PG 36	60	25
53019081	PG 42	65	25
53019091	PG 48	70	25

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SKINTOP® DIX



Benefits

- Easy insertion of several cables into one gland
- Higher packing density allows smaller part construction

Application range

- For use in SKINTOP® cable glands
- A sealing ring with several holes is used in place of the inner sealing insert

Note

- IP 68 can be achieved when all openings are closed and all bores are optimally occupied, i.e. when using cables with nominal diameter and/or SKINTOP® DIX-DV sealing plugs

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000032
ETIM 5.0/6.0 Class-Description: Plug for cable screw gland



Colour delivered

Natural



Material

Silicone



Protection rating

IP 54



Temperature range

-40°C to +100°C

Article number	Article designation / size	PG size	Number of cables x cable Ø	Pieces / PU
SKINTOP® DIX				
53607225	DIX 7225	7	2 x 2.5	100
53607417	DIX 7417	7	4 x 1.7	100
53609230	DIX 9230	9	2 x 3.0	100
53611225	DIX 11225	11	2 x 2.5	100
53611330	DIX 11330	11	3 x 3.0	100
53611240	DIX 11240	11	2 x 4.0	100
53611430	DIX 11430	11	4 x 3.0	100
53613250	DIX 13250	13.5	2 x 5.0	100
53613340	DIX 13340	13.5	3 x 4.0	100
53613440	DIX 13440	13.5	4 x 4.0	100
53616140	DIX 16140	16	1 x 4.0	50
53616225	DIX 16225	16	2 x 2.5	50
53616240	DIX 16240	16	2 x 4.0	50
53616340	DIX 16340	16	3 x 4.0	50
53616350	DIX 16350	16	3 x 5.0	50
53616440	DIX 16440	16	4 x 4.0	50
53616540	DIX 16540	16	5 x 4.0	50
53616450	DIX 16450	16	4 x 5.0	50
53616356	DIX 16356	16	3 x 5.6	50
53616260	DIX 16260	16	2 x 6.0	50
53616360	DIX 16360	16	3 x 6.0	50
53621550	DIX 21550	21	5 x 5.0	50
53621460	DIX 21460	21	4 x 6.0	50
53621640	DIX 21640	21	6 x 4.0	50
53621270	DIX 21270	21	2 x 7.0	50
53621370	DIX 21370	21	3 x 7.0	50
53621280	DIX 21280	21	2 x 8.0	50
53621380	DIX 21380	21	3 x 8.0	50
53629556	DIX 29556	29	5 x 5.6	50
53629470	DIX 29470	29	4 x 7.0	50
53629570	DIX 29570	29	5 x 7.0	50
53629480	DIX 29480	29	4 x 8.0	50
53629290	DIX 29290	29	2 x 9.0	50
53629390	DIX 29390	29	3 x 9.0	50
53629490	DIX 29490	29	4 x 9.0	50
53629675	DIX 29675	29	6 x 7.5	50

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Accessories

- SKINTOP® DIX-DV refer to page 715



SKINTOP® DIX-AUTOMATION

Benefits

- Optimal seal when using AS-I bus cables
- Strain relief

Application range

- For use in SKINTOP® cable glands
- A sealing ring with several holes is used in place of the inner sealing insert
- Control cabinets
- Control panels
- Automation technology

Note

- IP 68 can be achieved if the hole is optimally occupied, i.e. when using standard AS-I cables

Product Make-up

- Precise cut for AS-I bus cables

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	Colour delivered Black, RAL 9005
	Material NBR
	Protection rating IP 54
	Temperature range -40°C to +100°C



Article number	Article designation / size	Pieces / PU
SKINTOP® DIX ASI		
53611000	DIX ASI 11	50

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SKINTOP® DIX-DV / SKINTOP® SD / SKINTOP® DV



SKINTOP® DIX-DV



SKINTOP® SD



SKINTOP® DV

Benefits

SKINTOP® DIX-DV

- Prevents water and dust penetrating into unused bore holes of SKINTOP® DIX multiple sealing inserts

SKINTOP® SD

- Prevents dust and dirt from getting into the housing

SKINTOP® DV

- Prevents humidity from seeping into the housing

Application range

SKINTOP® DIX-DV

- For inserting into unoccupied holes of the SKINTOP® DIX multiple sealing inserts, to ensure protection class.

SKINTOP® SD

- This dust protector can be placed under the cap nut of the cable gland

- Preparations

- Protection of unused connection points

SKINTOP® DV

- These seals are placed into the sealing ring of the SKINTOP® cable glands

- Preparations

- Protection of unused connection points

Note

SKINTOP® DIX-DV

- When assembled professionally and properly, the protection class of IP 68 can be reached

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

SKINTOP® SD

- Easy to handle, without disassembly - push cable through

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

SKINTOP® DV

- When assembled professionally and properly, the protection class of IP 68 can be reached

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000032
ETIM 5.0/6.0 Class-Description: Plug for cable screw gland



Colour delivered SKINTOP® DIX-DV

Natural

SKINTOP® SD

Black

SKINTOP® DV

Black



Material

SKINTOP® DIX-DV

Polyamide

SKINTOP® SD

PE foam

SKINTOP® DV

CR



Temperature range

SKINTOP® DIX-DV

-30°C to +100°C

SKINTOP® SD

-70°C to +100°C

SKINTOP® DV

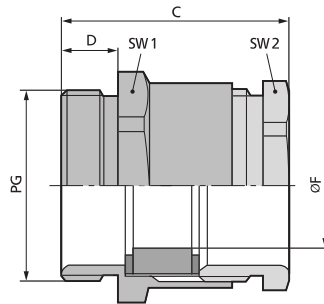
-30°C to +100°C

Article number	Article designation / size	Ø F mm	Height (mm)	Pieces / PU
SKINTOP® DIX-DV				
53100003	DIX-DV 3 x 9	3.0	9.0	100
53100004	DIX-DV 4 x 9	4.0	9.0	100
53100005	DIX-DV 5 x 11	5.0	11.0	100
53100055	DIX-DV 5,5 x 11	5.5	11.0	100
53100006	DIX-DV 6 x 14	6.0	14.0	100
53100007	DIX-DV 7 x 14	7.0	14.0	100
53100008	DIX-DV 8 x 14	8.0	14.0	100
53100009	DIX-DV 9 x 14	9.0	14.0	100
SKINTOP® SD				
52025235	SD 7	10.5	2.0	500
52025240	SD 9	13.5	2.0	500
52025250	SD 11	17.0	2.0	250
52025260	SD 13,5	18.5	2.0	250
52025270	SD 16	20.5	2.0	250
52025280	SD 21	26.0	2.0	100
52025290	SD 29	34.5	2.0	100
52025291	SD 36	44.5	2.0	100
SKINTOP® DV				
53800640	DV 7	7.0	6.5	500
53800641	DV 9	8.5	7.5	500
53800579	DV 11	10.5	8.5	250
53800583	DV 13,5	12.5	8.5	250
53800642	DV 16	14.5	9.0	250
53800643	DV 21	18.5	11.0	100

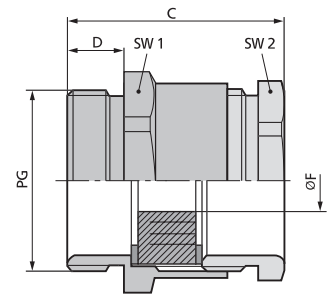
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SKINDICHT® SVRN / SKINDICHT® SVRE



SKINDICHT® SVRN



SKINDICHT® SVRE

Benefits

SKINDICHT® SVRN

- High mechanical stability
- Optimum strain relief

SKINDICHT® SVRE

- With incised sealing ring for adjustment to several cable diameters
- Fewer sizes need to be kept in stock

Application range

SKINDICHT® SVRN

- Brass cable gland with hexagonal fitting, for fast assembly with a flat spanner.

SKINDICHT® SVRE

- Brass cable gland with hexagonal fitting and variable incised sealing ring.

Product Make-up

- PG connection thread

Note

SKINDICHT® SVRN

- Counter nut to be used: SKINDICHT® SM

SKINDICHT® SVRE

- Refer to SKINDICHT® EV for additional accessories
- Counter nut to be used: SKINDICHT® SM

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



SKINDICHT® SVRE

Available with long connection thread
Available with PG 11 to 36 with FKM incised ring



Material

SKINDICHT® SVRN
Body: nickel-plated brass
Sealing ring: CR
SKINDICHT® SVRE
Body: nickel-plated brass
Incised seal: CR



Protection rating

IP 54



Temperature range

SKINDICHT® SVRN
-20°C to +100°C
SKINDICHT® SVRE
-20°C to +80°C

Article number	Article designation / size	Incised sealing ring ØF (mm)	PG size	Clamping range in mm	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SVRN								
52000210	SVRN 7005/N		7	5	14.0 / 13.0	20.6	5	100
52020300	SVRN 7006/N		7	6	14.0 / 13.0	20.6	5	100
52020310	SVRN 7007/N		7	7	14.0 / 13.0	20.6	5	100
52020320	SVRN 9007/N		9	7	17.0 / 15.0	22.6	6	100
52020330	SVRN 9008/N		9	8	17.0 / 15.0	22.6	6	100
52000220	SVRN 9009/N		9	9	17.0 / 15.0	22.6	6	100
52020341	SVRN 11010/N		11	10	20.0 / 18.0	23.6	6	50
52000241	SVRN 13012/N		13.5	12	22.0 / 20.0	26.1	6.5	50
52000251	SVRN 16014/N		16	14	24.0 / 22.0	27.1	6.5	50
52000260	SVRN 21018/N		21	18	30.0 / 28.0	29.6	7	50
52000270	SVRN 29027/N		29	27	40.0 / 37.0	32.6	8	50
52000280	SVRN 36034/N		36	34	50.0 / 47.0	38.6	9	20
SKINDICHT® SVRE								
52005540	SVRE 9	5/8			17.0 / 15.0	22.6	6	100
52000310	SVRE 11	7/10/12.5			20.0 / 18.0	22.6	6	50
52000320	SVRE 13,5	7/10.5/13/16			22.0 / 20.0	26.1	6.5	50
52000330	SVRE 16	8/10.5/13.5/16			24.0 / 22.0	27.1	6.5	50
52000340	SVRE 21	11/15/18/20			30.0 / 28.0	29.6	7	50
52000350	SVRE 29	19/23/27/31			40.0 / 37.0	32.6	8	50
52000360	SVRE 36	25/28/31/35			50.0 / 47.0	38.6	9	20
52005550	SVRE 42	35.5/39/42.5/46			57.0 / 54.0	43.6	10	10
52005560	SVRE 48	40.5/44/47/50.5			64.0 / 60.0	45.1	10	10

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Accessories

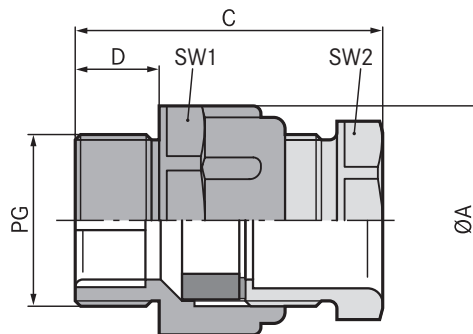
- SKINDICHT® SM refer to page 799

Cable glands

SKINDICHT® cable glands plastic or metal PG • Flat cable



SKINDICHT® SVFK



Benefits

- Economical type
- Lateral sealing lips fit automatically around various cable dimensions
- Cable-specific seal dimensions are no longer necessary
- Tolerance
- Large opening allows clamping of up to two flat cables

Application range

- For inserting flat cables
- Conveyor systems
- Pumps
- Lifts
- Control cabinet manufacturing

Product Make-up

- PG connection thread

Note

- Counter nut to be used: SKINDICHT® GMK
- For suitable flat cables, refer to ÖLFLEX® LIFT F for indoor applications or ÖLFLEX® CRANE F for outdoor applications

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	Colour delivered Light grey (RAL 7035)
	Material Body: Polystyrene Special sealing insert: CR
	Protection rating IP 54
	Temperature range -20°C to +60°C

Article number	Article designation / size	Min./max. flat cable width	Min./max. cable thickness (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SVFK							
52005470	PG 16	-- 15.0	-- 5.0	27.0 / 23.0	39.5	10	25
52005680	PG 21	10.0 - 20.5	3.0 - 8.0	32.0 / 30.0	43.0	11	25
52005690	PG 29	15.0 - 27.0	4.0 - 11.5	42.0 / 41.0	45.0	11	25
52005700	PG 36	25.0 - 34.0	4.0 - 11.5	53.0 / 50.0	51.0	13	10
52005710	PG 42	30.0 - 40.0	5.0 - 12.0	60.0 / 55.0	54.0	13	5
52005720	PG 48	35.0 - 45.0	5.0 - 12.0	65.0 / 60.0	55.0	15	5

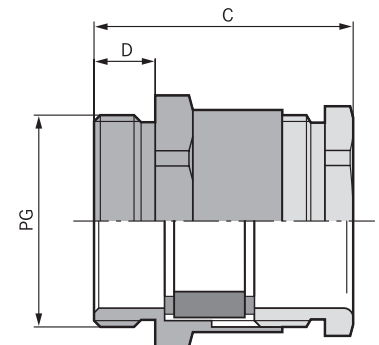
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Accessories

- SKINDICHT® GMK refer to page 798



SKINDICHT® SVF



Benefits

- High mechanical stability
- Lateral sealing lips fit automatically around various cable dimensions
- Optimum strain relief
- Large opening allows clamping of up to two flat cables

Application range

- For inserting flat cables
- Conveyor systems
- Pumps
- Lifts
- Control cabinet manufacturing

Product Make-up

- PG connection thread

Note

- For suitable flat cables, refer to ÖLFLEX® LIFT F for indoor applications or ÖLFLEX® CRANE F for outdoor applications
- Counter nut to be used: SKINDICHT® SM

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



On request

Available with long connection thread



Material

Body: nickel-plated brass
Special sealing insert: CR



Protection rating

IP 54



Temperature range

-20°C to +100°C

Article number	Article designation / size	Min./max. flat cable width	Min./max. cable thickness (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SVF							
52005480	PG 16	-- 16.0	-- 5.0	24.0 / 22.0	27.5	6.5	25
52005490	PG 21	9.0 - 21.0	3.0 - 8.0	30.0 / 28.0	30.0	7	25
52005500	PG 29	14.0 - 30.0	4.0 - 11.5	40.0 / 37.0	31.5	8	10
52005510	PG36	24.0 - 40.0	4.0 - 11.5	50.0 / 47.0	36.0	9	10
52005520	PG 42	29.0 - 45.0	5.0 - 12.0	57.0 / 54.0	40.0	10	5
52005530	PG 48	34.0 - 50.0	5.0 - 12.0	64.0 / 60.0	41.5	10	5

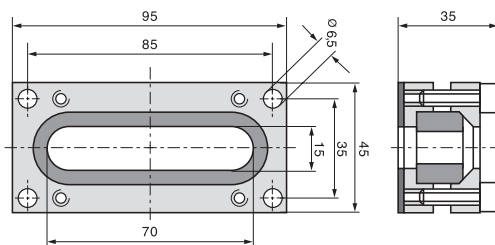
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Accessories

- SKINDICHT® SM refer to page 799
- SKINDICHT® SM-PE refer to page 799



SKINDICHT® FL



Benefits

- The seal profiles enable many problems to be solved
- Several flat and round cables can be fed through at the same time
- Through the internal conical contour in the upper part of the housing, the sealing inserts are pressed onto the cable

Application range

- Cable flange that can be used universally, mainly for large flat cables.
- Lifts
- Conveyor systems
- Crane and conveying machinery
- Power chains

Note

- When assembled professionally and properly, the protection class of IP 65 can be reached
- For suitable flat cables, refer to ÖLFLEX® LIFT F for indoor applications or ÖLFLEX® CRANE F for outdoor applications

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

Body: aluminium, special untreated alloy
Screws and spring washers: zinc-plated steel
Seal: NBR



Protection rating

IP 65



Temperature range

-20°C to +100°C

Article number	Article designation / size	Cable pass length x width in mm	Dimensions: L x W x H (mm)	Pieces / PU
SKINDICHT® FL				
52008010	FL 1	70 x 12 + 63 x 7	45.0 x 35.0 x 95.0	1
52008020	FL 2	49 x 4,5	45.0 x 35.0 x 95.0	1
52008030	FL 3	49 x 4,5 + 49 x 4,5 (49 x 11,5)	45.0 x 35.0 x 95.0	1
52008040	FL 4	63 x 12,0 (+0,2)	45.0 x 35.0 x 95.0	1
52008050	FL 5	70 x 12	45.0 x 35.0 x 95.0	1

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FL 1
1 x 70 x 12 mm
1 x 63 x 7 mm



FL 4
63 x 12 mm



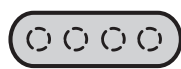
FL 2
49 x 4,5 mm



FL 5
70 x 12 mm



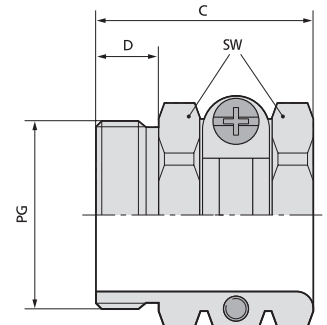
FL 3
2 x 49 x 4,5 mm
1 x 49 x 11,5 mm



e.g. 4 x ÖLFLEX® CLASSIC 110
3 x 1,5 mm² / Ø 6,7 mm



SKINDICHT® SH



Benefits

- Seawater-resistant
- Anti-magnetic
- Corrosion-resistant
- Stable and safe strain relief

Application range

- Extremely robust and solid strain relief cable gland
- Building sites
- Plant engineering
- Electric motor manufacturing

Product Make-up

- PG connection thread

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	On request Available with long connection thread
	Material Body: nickel-plated brass
	Protection rating IP 20
	Temperature range -20°C up to +200°C

Article number	Article designation / size	Ø F mm	SW1	Max. fitting size for installation (mm)	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SH							
52000830	PG 7	8 - 10	15.0	22	17.5	5.5	50
52000840	PG 9	10 - 12,5	17.0	25	20.5	6	50
52000850	PG 11	11 - 15	20.0	28	21.5	6	50
52000860	PG 13,5	14 - 16,5	22.0	32	24.0	7.5	25
52000870	PG 16	15 - 18	24.0	35	26.0	7.5	25
52000880	PG 21	18 - 23,5	30.0	46	29.0	8	25
52000890	PG 29	23 - 31	41.0	58	33.0	8	10
52000900	PG 36	29 - 40,5	50.0	70	36.5	9.5	10
52000910	PG 42	34 - 45	57.0	78	38.0	10	5
52000920	PG 48	39 - 50	64.0	86	39.5	11.5	5

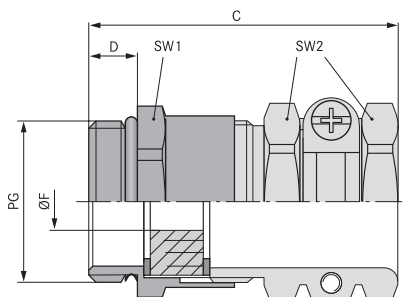
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Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® SHZ



Benefits

- With incised sealing ring for adjustment to several cable diameters
- High strain relief
- Robust
- For cables with large outer diameters

Application range

- Compact brass cable gland for reliable strain relief, solid, for large cable diameters.

Product Make-up

- PG connection thread

Note

- SKINDICHT® SHZ-XL is similar to the SKINDICHT® SHZ, but has an extended connection thread for thick walls
- Refer to SKINDICHT® EV for additional accessories
- Counter nut to be used: SKINDICHT® SM

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



Material

Body: nickel-plated brass
Sealing: CR
O-ring: NBR



Protection rating

IP 55



Temperature range

-20°C to +80°C

Article number	Article designation / size	Ø F mm	Max. fitting size for installation (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SHZ							
52005590	PG 7	5 - 6	21	14.0 / 15.0	30.0	5	50
52005600	PG 9	7,5 - 8,5	25	17.0 / 17.0	34.0	6	50
52000930	PG 11	9,5 - 12	28	20.0 / 20.0	35.0	6	25
52000940	PG 13,5	12,5 - 14	32	22.0 / 22.0	40.0	6.5	25
52000950	PG 16	13,5 - 16	35	24.0 / 24.0	42.0	6.5	25
52000960	PG 21	15,5 - 21	46	30.0 / 30.0	47.0	7	25
52000970	PG 29	21,5 - 27,5	58	40.0 / 41.0	53.0	8	10
52000980	PG 36	27 - 34	70	50.0 / 50.0	61.0	9	10
52005610	PG 42	34 - 43	78	57.0 / 57.0	66.0	10	5
52005620	PG 48	38 - 48	86	64.0 / 64.0	68.0	10	5
SKINDICHT® SHZ-XL							
52023717	PG 9	7,5 - 8,5	25	17.0 / 17.0	43.0	10	50
52023718	PG 11	9,5 - 12	28	20.0 / 20.0	44.0	10	25
52023719	PG 13,5	12,5 - 14	32	22.0 / 22.0	48.5	10	25
52023720	PG 16	13,5 - 16	35	24.0 / 24.0	50.5	10	25
52024840	PG 21	15,5 - 21	46	30.0 / 30.0	55.0	11	25
52025530	PG 29	21,5 - 27,5	58	40.0 / 41.0	60.0	13	10
52023721	PG 36	27 - 34	70	50.0 / 50.0	67.0	13	10
52023722	PG 42	34 - 43	78	57.0 / 57.0	71.0	14	5
52023723	PG 48	38 - 48	86	64.0 / 64.0	73.0	14	5

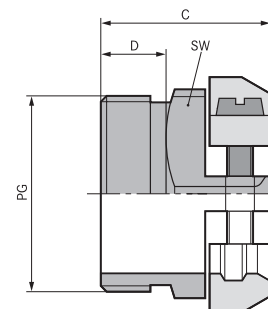
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Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® SK



Benefits

- Reliable strain relief
- Wide clamping range

Application range

- Cable gland with two solid brass saddle clamps
- Connectors
- Switches
- Control panels

Product Make-up

- PG connection thread

Note

- Counter nut to be used: SKINDICHT® SM

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	On request Available with long connection thread
	Material Body: nickel-plated brass
	Protection rating IP 20
	Temperature range -20°C up to +200°C

Article number	Article designation / size	Ø F mm	SW1	Max. fitting size for installation (mm)	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SK							
52004230	PG 9	6 - 12	19.0	24	16.5	6	50
52004240	PG 11	7 - 15	21.0	27	16.5	6	50
52004250	PG 13,5	12 - 16,5	22.0	30	18.5	7.5	25
52004260	PG 16	13 - 18	24.0	33	19.0	7.5	25
52004270	PG 21	15 - 23	30.0	42	22.5	8	25
51712740	PG 29	20 - 31	41.0	58	26.0	8	10

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Accessories

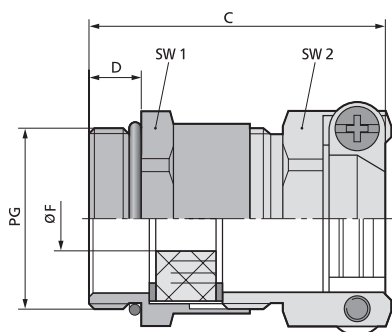
- SKINDICHT® SM refer to page 799

Cable glands

SKINDICHT® cable glands plastic or metal PG • Strain relief/bending protection



SKINDICHT® SKZ



Benefits

- With incised sealing ring for adjustment to several cable diameters
- High strain relief
- High mechanical stability

Application range

- Saddle clamp strain relief gland for harsh application conditions
- Building sites
- Plant engineering
- Electric motor manufacturing

Product Make-up

- PG connection thread

Note

- SKINDICHT® SKZ-XL is similar to the SKINDICHT® SKZ, but has an extended connection thread for thick walls
- Counter nut to be used: SKINDICHT® SM
- Refer to SKINDICHT® EV for additional accessories

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	Material Body: nickel-plated brass Incised sealing ring: CR O-ring: NBR
	Protection rating IP 55
	Temperature range -20°C to +80°C

Article number	Article designation / size	Ø F mm	Max. fitting size for installation (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SKZ							
52004280	PG 9	6 - 8,5	24	17.0 / 17.0	30.0	6	50
52004290	PG 11	8 - 12	27	20.0 / 21.0	30.0	6	50
52004300	PG 13,5	12 - 14	30	22.0 / 22.0	34.0	6.5	25
52004310	PG 16	13 - 16	33	24.0 / 24.0	35.0	6.5	25
52004320	PG 21	15 - 21	42	30.0 / 30.0	41.0	7	25
52005570	PG 29	20 - 29	58	40.0 / 41.0	46.0	8	10
SKINDICHT® SKZ-XL							
52005575	PG 9	6 - 8,5	24	17.0 / 17.0	39.0	15	50
52005576	PG 11	8 - 12	27	20.0 / 21.0	39.0	15	50
52005577	PG 13,5	12 - 14	30	22.0 / 22.0	42.5	15	25
54000043	PG 16	13 - 16	33	24.0 / 24.0	43.5	15	25
54000011	PG 21	15 - 21	42	30.0 / 30.0	49.0	15	25
54000098	PG 29	20 - 27,5	58	40.0 / 41.0	53.0	15	10

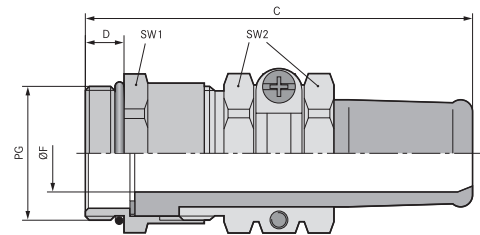
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Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® SR



Benefits

- Reliable bending and anti-kink protection
- High strain relief
- Robust
- For cables with large outer diameters
- High degree of protection

Application range

- Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1
- Handheld device
- Portable equipment
- Building sites
- Moving machine parts

Product Make-up

- PG connection thread

Note

- Counter nut to be used: SKINDICHT® SM
- For EMC version, refer to SKINDICHT® SRE

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	On request Available with long connection thread
	Material Body: nickel-plated brass O-ring: NBR Anti-kink protection: CR
	Protection rating IP 65
	Temperature range -20°C to +80°C

Article number	Article designation / size	Ø F mm	Max. fitting size for installation (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SR							
52000990	SR 07/05	3,5 - 5	23	14.0 / 15.0	50.0	5	50
52001000	SR 09/07	5,5 - 7	25	17.0 / 17.0	52.0	6	50
52001010	SR 11/07	5,5 - 7	28	20.0 / 20.0	56.0	6	25
52001020	SR 11/09	7,5 - 9	28	20.0 / 20.0	56.0	6	25
52001030	SR 13/09	7,5 - 9	32	22.0 / 22.0	62.0	6.5	25
52001040	SR 13/11	9 - 11	32	22.0 / 22.0	62.0	6.5	25
52001050	SR 13/13	11 - 13	32	22.0 / 22.0	62.0	6.5	25
52001060	SR 16/13	11,5 - 13	35	24.0 / 24.0	67.0	6.5	25
52001070	SR 16/15	13 - 15	35	24.0 / 24.0	67.0	6.5	25
52001080	SR 21/15	13,5 - 15	46	30.0 / 30.0	79.0	7	25
52001090	SR 21/17	15 - 17	46	30.0 / 30.0	79.0	7	25
52001100	SR 21/19	17 - 19	46	30.0 / 30.0	79.0	7	25
52001110	SR 21/20	18 - 20	46	30.0 / 30.0	79.0	7	25
52001120	SR 29/20	18 - 20	59	40.0 / 41.0	91.0	8	10
52001130	SR 29/23	21 - 23	59	40.0 / 41.0	91.0	8	10
52001140	SR 29/25	23 - 25	59	40.0 / 41.0	91.0	8	10
52001150	SR 36/26	23 - 26	70	50.0 / 50.0	110.0	9	5
52001160	SR 36/30	27 - 30	70	50.0 / 50.0	110.0	9	5
52001170	SR 36/33	30 - 33	70	50.0 / 50.0	110.0	9	5
52001180	SR 36/35	32 - 35	70	50.0 / 50.0	110.0	9	5
52001190	SR 42/35	32 - 35	75	57.0 / 57.0	114.0	10	5
52001200	SR 42/38	35 - 38	75	57.0 / 57.0	114.0	10	5
52001210	SR 42/40	36 - 40	75	57.0 / 57.0	114.0	10	5
52001220	SR 48/40	36 - 40	83	64.0 / 64.0	119.0	10	1
52001230	SR 48/44	40 - 44	83	64.0 / 64.0	119.0	10	1

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Accessories

- SKINDICHT® SNR
- SKINDICHT® SM refer to page 799

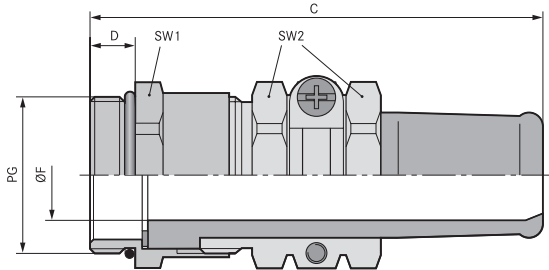
Cable glands



SKINDICHT® cable glands plastic or metal PG • Strain relief/bending protection



SKINDICHT® SR-SV



Benefits

- For high temperatures
- Resistant to oils, solvents, acids and chemicals
- Seawater-resistant
- High strain relief
- Robust

Application range

- Special cable gland with FKM anti-kink sleeve. Our own reinforced acid-resistant FKM receptacle does not show any effects of aging even after an extended period of use at a temperature of +165°C.
- Machine and turbine manufacturing
- Power plant engineering
- Laboratory

Product Make-up

- PG connection thread

Note

- Counter nut to be used: SKINDICHT® SM
- EMC version is available upon request

Technical data

- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland
- Caution**
The installation dimensions can be found in appendix T21
- On request**
Available with long connection thread
- Material**
Body: nickel-plated brass
O-ring: FKM
Anti-kink protection: FKM
- Protection rating**
IP 65
- Temperature range**
-20°C to +165°C

Article number	Article designation / size	Ø F mm	Max. fitting size for installation (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SR-SV							
52023620	SR-SV 11/07	5,5 - 7	28	20.0 / 20.0	56.0	6	25
52023621	SR-SV 11/09	7,5 - 9	28	20.0 / 20.0	56.0	6	25
52023622	SR-SV 13/09	7,5 - 9	32	22.0 / 22.0	62.0	6.5	25
52023623	SR-SV 13/11	9 - 11	32	22.0 / 22.0	62.0	6.5	25
52023624	SR-SV 13/13	11 - 13	32	22.0 / 22.0	62.0	6.5	25
52023625	SR-SV 16/13	11,5 - 13	35	24.0 / 24.0	67.0	6.5	10
52023626	SR-SV 16/15	13 - 15	35	24.0 / 24.0	67.0	6.5	10
52023627	SR-SV 21/15	13,5 - 15	40	30.0 / 30.0	79.0	7	10
52023628	SR-SV 21/17	15 - 17	46	30.0 / 30.0	79.0	7	10
52023629	SR-SV 21/19	17 - 19	46	30.0 / 30.0	79.0	7	10

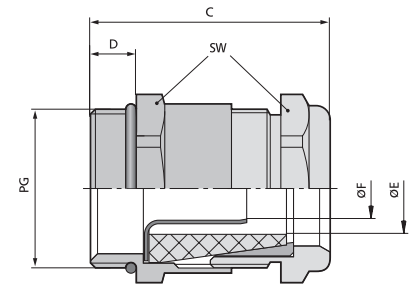
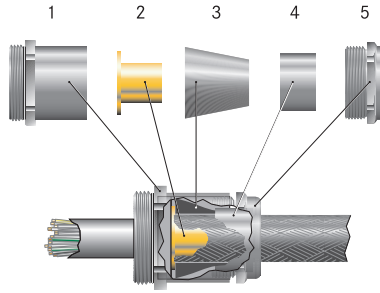
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® SHVE



Benefits

- Optimum, low-resistance 360° screen contact
- High degree of protection
- High strain relief

Application range

- Earthing gland, for applications where electrical interference fields can occur.
- Medical engineering
- Frequency converters
- Airports
- Measurement and control technology

Product Make-up

- 1 fitting
- 2 earth sleeves
- 3 sealing cones
- 4 cone, brass
- 5 compression screws

Note

- Counter nut to be used: SKINDICHT® SM
- EMC counter nut, SKINDICHT® SM nut should be used to ensure optimum contact with painted, anodised or powder-coated housings
- Example order identification:
SHVE 13.5 / 9 / 9 / 5
13.5 = PG thread compression screw
9 = PG connection thread
9 = Clear width of sealing cone
5 = Clear width earthing sleeve

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland

Caution
The installation dimensions can be found in appendix T21

Material
Body: nickel-plated
Earthing sleeve: blank brass
Special sealing cone: CR
O-ring: NBR

Protection rating
IP 68 - 10 bar

Temperature range
-20°C to +80°C

Article number	Article designation / size	Outer sheath Ø, min./max. (mm)	Min./max. inner sheath Ø (mm)	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SHVE							
52010400	9/9/6/3,2	4.0 / 5,8	2,2 / 3,2	17	28.5	6	25
52010405	9/9/7/3,2	5.0 / 6,8	2,2 / 3,2	17	28.5	6	25
52010415	9/9/6/3,6	4.0 / 5,8	2,6 / 3,6	17	28.5	6	25
52010420	9/9/7/3,6	5.0 / 6,8	2,6 / 3,6	17	28.5	6	25
52010440	11/11/7/4,5	5.0 / 6,8	3,5 / 4,5	20	31.0	6	25
52010450	11/11/9/4,5	6,8 / 8,8	3,5 / 4,5	20	31.0	6	25
52010460	13,5/9/9/5	6,8 / 8,8	3,5 / 5,0	22	32.5	5.5	25
52010490	13,5/11/9/5	6,8 / 8,8	3,5 / 5,0	22	32.5	5.5	25
52010470	13,5/9/9/6	6,8 / 8,8	4,5 / 6,0	22	32.5	5.5	25
52010500	13,5/11/9/6	6,8 / 8,8	4,5 / 6,0	22	32.5	5.5	25
52005080	13,5/13,5/9/6	6,8 / 8,8	4,5 / 6,0	22	37.0	6	25
52010480	13,5/9/11/7	8,5 / 10,8	5,5 / 7,0	22	32.5	5.5	25
52010510	13,5/11/11/7	8,5 / 10,8	5,5 / 7,0	22	32.5	5.5	25
52005090	13,5/13,5/11/7	8,5 / 10,8	5,5 / 7,0	22	37.0	6	25
52010520	16/11/11/8	8,5 / 10,8	6,0 / 8,0	24	35.0	5.5	25
52010560	16/13,5/11/8	8,5 / 10,8	6,0 / 8,0	24	35.5	6	25
52005100	16/16/11/8	8,5 / 10,8	6,0 / 8,0	24	37.5	6	25
52010530	16/11/13/9	10,8 / 12,8	7,0 / 9,0	24	35.0	5.5	25
52010570	16/13,5/13/9	10,8 / 12,8	7,0 / 9,0	24	35.5	6	25
52005110	16/16/13/9	10,8 / 12,8	7,0 / 9,0	24	37.5	6	25
52010540	16/11/13/10	10,8 / 12,8	8,0 / 10,0	24	35.0	5.5	25
52010580	16/13,5/13/10	10,8 / 12,8	8,0 / 10,0	24	35.5	6	25
52005120	16/16/13/10	10,8 / 12,8	8,0 / 10,0	24	37.5	6	25
52010550	16/11/15/11	12,0 / 14,8	9,0 / 11,0	24	35.0	5.5	25
52010590	16/13,5/15/11	12,0 / 14,8	9,0 / 11,0	24	35.5	6	25
52005130	16/16/15/11	12,0 / 14,8	9,0 / 11,0	24	37.5	6	25
52010600	21/16/16/12	14,0 / 15,8	10,0 / 12,0	30	38.5	6.5	25
52005140	21/21/16/12	14,0 / 15,8	10,0 / 12,0	30	43.5	7	25
52010610	21/16/16/13	14,0 / 15,8	11,0 / 13,0	30	38.5	6.5	25
52005150	21/21/16/13	14,0 / 15,8	11,0 / 13,0	30	43.5	7	25
52010620	21/16/18/14	15,8 / 17,8	12,0 / 14,0	30	38.5	6.5	25
52005160	21/21/18/14	15,8 / 17,8	12,0 / 14,0	30	43.5	7	25
52010630	21/16/18/15	15,8 / 17,8	13,0 / 15,0	30	38.5	6.5	25
52005170	21/21/18/15	15,8 / 17,8	13,0 / 15,0	30	43.5	7	25
52010640	21/16/20/16	17,5 / 19,8	14,0 / 16,0	30	38.5	6.5	25
52005180	21/21/20/16	17,5 / 19,8	14,0 / 16,0	30	43.5	7	25
52005190	29/29/22/17	19,5 / 21,8	15,0 / 17,0	40	47.5	8	10
52005200	29/29/22/18	19,5 / 21,8	16,0 / 18,0	40	47.5	8	10
52005210	29/29/24/19	21,5 / 23,8	17,0 / 19,0	40	47.5	8	10
52005240	29/29/26/19	23,5 / 25,8	17,0 / 19,0	40	47.5	8	10

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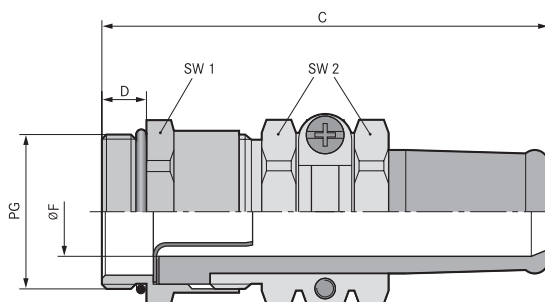
Accessories

- SKINDICHT® SM refer to page 799

- SKINDICHT® SM-PE refer to page 799



SKINDICHT® SRE



Benefits

- Perfect seal with anti-kink protection
- Optimum, low-resistance 360° screen contact
- Cable-protecting strain relief
- Gentle cable clamping
- High degree of protection

Application range

- Earthing gland with additional anti-kink protection. For applications where electrical interference fields can occur.
- Moving machine parts
- Conveyor and transport systems
- Production lines
- Measurement and control technology

Product Make-up

- PG connection thread

Note

- Counter nut to be used: SKINDICHT® SM
- EMC counter nut, SKINDICHT® SM nut should be used to ensure optimum contact with painted, anodised or powder-coated housings
- Example order identification:
SRE 13.5 / 9 / 9 / 6
13.5 = PG thread compression screw
9 = PG connection thread
9 = Clear width of sealing cone
6 = Clear width earthing sleeve

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	On request Available with longer connection thread
	Material Body: nickel-plated brass Earthing sleeve: plain brass Anti-kink sleeve: CR/NBR O-ring: NBR
	Protection rating IP 65
	Temperature range -20°C to +80°C

Article number	Article designation / size	Outer sheath Ø, min./max. (mm)	Min./max. inner sheath Ø (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SRE							
52010780	13,5/9/9/6	7,5 / 9,0	4,5 / 6,0	22,0 / 22,0	60,0	5,5	25
52010790	13,5/9/11/7	9,0 / 11,0	5,5 / 7,0	22,0 / 22,0	60,0	5,5	25
52010800	13,5/11/9/6	7,5 / 9,0	4,5 / 6,0	22,0 / 22,0	60,0	5,5	25
52010810	13,5/11/11/7	9,0 / 11,0	5,5 / 7,0	22,0 / 22,0	60,0	5,5	25
52005310	13,5/13,5/9/6	7,5 / 9,0	4,5 / 6,0	22,0 / 22,0	60,0	6,5	25
52005320	13,5/13,5/11/7	9,0 / 11,0	5,5 / 7,0	22,0 / 22,0	60,0	6,5	25
52010820	16/11/13/9	11,0 / 13,0	7,0 / 9,0	24,0 / 24,0	65,0	5,5	25
52010830	16/11/13/10	11,0 / 13,0	8,0 / 10,0	24,0 / 24,0	65,0	5,5	25
52010840	16/11/15/11	13,0 / 15,0	9,0 / 11,0	24,0 / 24,0	65,0	5,5	25
52010850	16/13,5/13/9	11,0 / 13,0	7,0 / 9,0	24,0 / 24,0	67,0	6	25
52010860	16/13,5/13/10	11,0 / 13,0	8,0 / 10,0	24,0 / 24,0	67,0	6	25
52010870	16/13,5/15/11	13,0 / 15,0	9,0 / 11,0	24,0 / 24,0	67,0	6	25
52005330	16/16/13/9	11,0 / 13,0	7,0 / 9,0	24,0 / 24,0	65,0	6,5	25
52005340	16/16/13/10	11,0 / 13,0	8,0 / 10,0	24,0 / 24,0	65,0	6,5	25
52005350	16/16/15/11	13,5 / 15,0	9,0 / 11,0	24,0 / 24,0	65,0	6,5	25
52010880	21/16/15/12	13,5 / 15,0	10,0 / 12,0	30,0 / 30,0	78,0	6,5	25
52010890	21/16/17/14	15,0 / 17,0	12,0 / 14,0	30,0 / 30,0	78,0	6,5	25
52010900	21/16/19/15	17,0 / 19,0	13,0 / 15,0	30,0 / 30,0	78,0	6,5	25
52010910	21/16/20/16	18,0 / 20,0	14,0 / 16,0	30,0 / 30,0	78,0	6,5	25
52005360	21/21/15/12	13,0 / 15,0	10,0 / 12,0	30,0 / 30,0	78,0	7	25
52005370	21/21/17/14	15,0 / 17,0	12,0 / 14,0	30,0 / 30,0	78,0	7	25
52005380	21/21/19/15	17,0 / 19,0	13,0 / 15,0	30,0 / 30,0	78,0	7	25
52005390	21/21/20/16	18,0 / 20,0	14,0 / 16,0	30,0 / 30,0	78,0	7	25
52005400	29/29/20/17	19,0 / 20,0	15,0 / 17,0	40,0 / 41,0	90,0	8	10
52005410	29/29/23/19	22,0 / 23,0	17,0 / 19,0	40,0 / 41,0	90,0	8	10
52005411	36/36/26/22	23,5 / 26,0	20,0 / 22,0	50,0 / 50,0	109,0	9	5
52005412	36/36/30/24	27,0 / 30,0	22,0 / 24,0	50,0 / 50,0	109,0	9	5
52003585	36/36/30/26	27,0 / 30,0	24,0 / 26,0	50,0 / 50,0	109,0	9	5
52005414	36/36/33/28	30,0 / 33,0	26,0 / 28,0	50,0 / 50,0	109,0	9	5
52023586	36/36/35/30	32,0 / 35,0	28,0 / 30,0	50,0 / 50,0	109,0	9	5

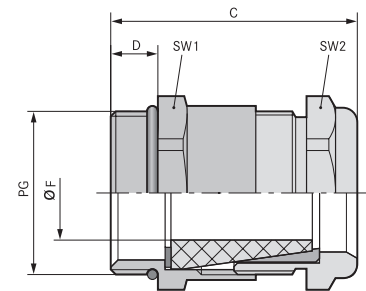
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SNR
- SKINDICHT® SM refer to page 799
- SKINDICHT® SM-PE refer to page 799



SKINDICHT® SHV



Benefits

- Watertight
- Gentle cable clamping
- Robust
- High strain relief

Application range

- Watertight cable gland with conical sealing element.
- Pumps
- Floater switches

Product Make-up

- PG connection thread

Note

- Counter nut to be used: SKINDICHT® SM
- Suitable accessory: SKINDICHT® SHV sealing cones
- Example order designation:
SHV 13.5/9/9
13.5 = PG thread of compression screw
9 = PG connection thread
9 = clear opening of sealing cone

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Caution The installation dimensions can be found in appendix T21
	Material Body: nickel-plated brass Sealing cone: CR O-ring: NBR
	Protection rating IP 68 - 10 bar
	Temperature range -20°C to +80°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SHV						
52002530	SHV 7/7/5	3,8 - 4,8	14	26,0	5	50
52002550	SHV 9/9/6	4,8 - 5,8	17	28,5	6	50
52002540	SHV 9/9/7	5,8 - 6,8	17	28,5	6	50
52002570	SHV 11/11/7	5,8 - 6,8	20	31,0	6	25
52002560	SHV 11/11/9	6,8 - 8,8	20	31,0	6	25
52010650	SHV 13,5/9/9	6,5 - 8,8	22	33,0	6,5	25
52010660	SHV 13,5/9/11	8,5 - 10,8	22	33,0	6,5	25
52010670	SHV 13,5/11/9	6,8 - 8,8	22	33,0	6,5	25
52010680	SHV 13,5/11/11	8,5 - 10,8	22	33,0	6,5	25
52002600	SHV 13,5/13,5/9	6,8 - 8,8	22	33,0	6,5	25
52002590	SHV 13,5/13,5/11	8,5 - 10,8	22	33,0	6,5	25
52010690	SHV 16/11/11	8,5 - 10,8	24	35,0	6,5	25
52010700	SHV 16/11/13	10,8 - 12,8	24	35,0	6,5	25
52010710	SHV 16/11/15	13,8 - 14,8	24	35,0	6,5	25
52010720	SHV 16/13,5/11	8,5 - 10,8	24	35,0	6,5	25
52010730	SHV 16/13,5/13	10,8 - 12,8	24	35,0	6,5	25
52010740	SHV 16/13,5/15	13,8 - 14,8	24	35,0	6,5	25
52002640	SHV 16/16/11	8,5 - 10,8	24	35,0	6,5	25
52002630	SHV 16/16/13	10,8 - 12,8	24	35,0	6,5	25
52002620	SHV 16/16/15	13,8 - 14,8	24	35,0	6,5	25
52010750	SHV 21/16/16	13,3 - 15,6	30	40,0	7	25
52010760	SHV 21/16/18	15,8 - 17,8	30	38,0	7	25
52010770	SHV 21/16/20	17,5 - 19,8	30	38,0	7	25
52002670	SHV 21/21/16	14,8 - 15,8	30	38,0	7	25
52002660	SHV 21/21/18	15,8 - 17,8	30	38,0	7	25
52002650	SHV 21/21/20	17,5 - 19,8	30	38,0	7	25
52002710	SHV 29/29/22	19,5 - 21,8	40	44,5	8	10
52002700	SHV 29/29/24	21,8 - 23,8	40	44,5	8	10
52002690	SHV 29/29/26	23,8 - 25,8	40	44,5	8	10

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Accessories

- SKINDICHT® SM refer to page 799

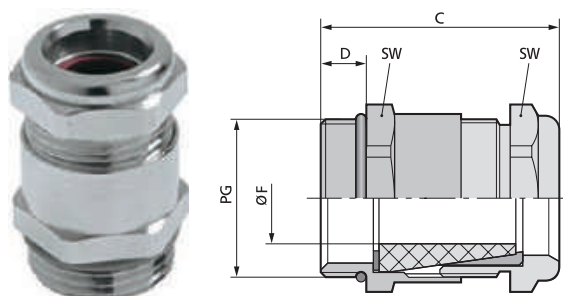


Cable glands

SKINDICHT® cable glands plastic or metal PG • Special sealing cable glands



SKINDICHT® SHV FKM



Benefits

- For high temperatures
- Resistant to oils, solvents, acids and chemicals
- Watertight
- High strain relief
- Robust

Application range

- Watertight and high temperature-resistant cable gland with special conical FKM sealing element
- Brickworks
- Sewage treatment plants
- Car wash sites

Note

- Example order designation:
SHV-FKM 13.5 / 9 / 11
13.5 = PG thread of compression screw
9 = PG connection thread
11 = clear opening of sealing cone

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



Material

Body: nickel-plated brass
Sealing cone: FKM
O-ring: FKM



Protection rating

IP 68 - 10 bar



Temperature range

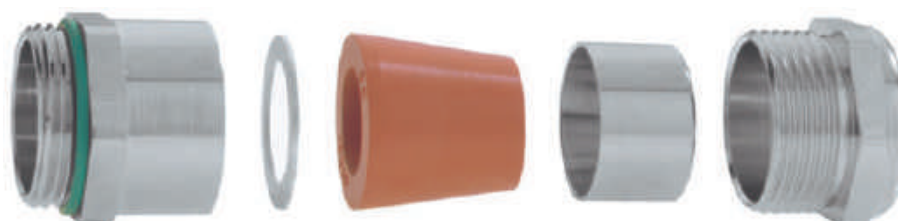
-20°C to +200°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® SHV FKM						
52024934	SHV-FKM 7/7/5	3,8 - 4,8	14	26,0	5	50
54000015	SHV-FKM 9/9/6	4,8 - 5,8	17	28,5	6	50
52024935	SHV-FKM 9/9/7	5,8 - 6,8	17	28,5	6	50
52024936	SHV-FKM 11/11/7	5,8 - 6,8	20	31,0	6	25
52024937	SHV-FKM 11/11/9	6,8 - 8,8	20	31,0	6	25
52024970	SHV-FKM 13,5/9/11	8,5 - 10,8	22	33,0	6,5	25
52024968	SHV-FKM 13,5/11/9	6,8 - 8,8	22	33,0	6,5	25
52024969	SHV-FKM 13,5/11/11	8,5 - 10,8	22	33,0	6,5	25
52024961	SHV-FKM 13,5/13,5/9	6,8 - 8,8	22	33,0	6,5	25
52024962	SHV-FKM 13,5/13,5/11	8,5 - 10,8	22	33,0	6,5	25
52024971	SHV-FKM 16/11/13	10,8 - 12,8	24	35,0	6,5	25
52024973	SHV-FKM 16/13,5/13	10,8 - 12,8	24	35,0	6,5	25
52024964	SHV-FKM 16/16/13	10,8 - 12,8	24	35,0	6,5	25
52024965	SHV-FKM 16/16/15	13,8 - 14,8	24	35,0	6,5	25
52024966	SHV-FKM 21/21/18	15,8 - 17,8	30	38,0	7	25
52024967	SHV-FKM 21/21/20	17,5 - 19,8	30	38,0	7	25
52024974	SHV-FKM 29/29/22	19,5 - 21,8	40	44,5	8	10

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Accessories

- SKINDICHT® SM refer to page 799



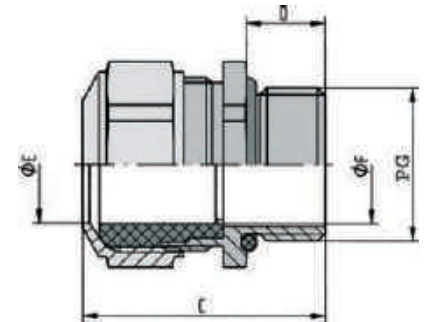


SKINDICHT® CN



Info

- Flexible down to -40°C



Benefits

- For high temperatures
- Resistant to oils, solvents, acids and chemicals
- Seawater-resistant
- For high mechanical stress
- High corrosion-resistance

Application range

- Chromium nickel steel cable gland with FPM seal, specially designed for use under tough conditions
- Pharmaceutical and petrochemical industry
- Offshore sector
- Wind power plants
- Brickworks

Product Make-up

- PG connection thread

Note

- Refer to the chart to find a suitable counter-nut for SKINDICHT® SM INOX

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Caution

The installation dimensions can be found in appendix T21



On request

TPE seal



Material

Body: Chrome-nickel steel in accordance with DIN, material no. 1.4305
Seal: FPM
O-ring: FPM



Protection rating

IP 68 - 5 bar



Temperature range

-40°C to +200°C

Article number	Article designation / size	Ø F mm	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® CN						
52032520	PG 9	6 - 10	18	28.0	10	5
52032525	PG 11	5 - 12	22	32.0	10	5
52032540	PG 13,5	8 - 15	24	34.0	10	5
52032550	PG 16	8 - 15	24	34.0	10	5
52032560	PG 21	12,5 - 20,5	30	42.0	12	5
52032570	PG 29	19 - 27,5	41	53.0	12	5

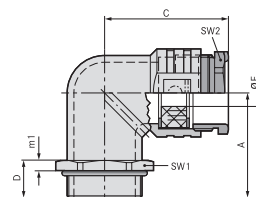
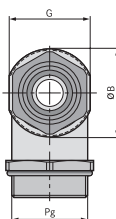
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM INOX refer to page 799



SKINDICHT® RWV



Benefits

- Strain relief
- Sealed by incised sealing ring
- Corrosion-resistant
- Decrease in installation height
- Seawater-resistant

Application range

- Angled glands are used in areas where cables have to run in parallel to the housing wall.
- Electric motor manufacturing
- Machine and equipment manufacturing
- Plant engineering
- Light and sound applications

Product Make-up

- PG connection thread

Note

- Counter nut to be used: SKINDICHT® SM
- For combination with other SKINDICHT® or SKINTOP® cable glands, we propose our SKINDICHT® RWV without incised sealing ring (E) and compression screw (D)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

Body: zinc die-casting
Compression screw and hexagon nut: nickel-plated brass
Incised sealing ring: CR
O-ring: NBR



Protection rating

IP 55



Temperature range

-20°C to +80°C
Without incised sealing ring:
-20°C to +100°C

Article number	Article designation / size	A mm	G mm	Incised sealing ring ØF (mm)	SW1/SW2 mm	Overall length C mm	Thread length D mm	Pieces / PU
SKINDICHT® RWV								
52004180	PG 7	20.5	14	5	15.0 / 13.0	26.0	8.5	25
52004190	PG 9	23.5	17	5/8	18.0 / 15.0	28.0	9.5	25
52004200	PG 11	26	20	7/10/12.5	21.0 / 18.0	31.5	10	25
52004210	PG 13,5	28.5	22	7/10.5/13/16	23.0 / 20.0	34.5	10.5	25
52004220	PG 16	31	24	8/10.5/13.5/16	26.0 / 22.0	35.5	11	10
52005420	PG 21	33.5	30	11/15/18/20	32.0 / 28.0	42.5	11.5	10
52004225	PG 29	43	40	19/23/27/31	41.0 / 37.0	49.0	13	10
SKINDICHT® RWV without E+D								
52024020	PG 7	20.5	14		15.0 / 13.0	20.2	8.5	25
52023970	PG 9	23.5	17		18.0 / 15.0	21.8	9.5	25
52023980	PG 11	26	20		21.0 / 18.0	24.9	10	25
52023990	PG 13,5	28.5	22		23.0 / 20.0	27.4	10.5	25
52024000	PG 16	31	24		26.0 / 22.0	28.5	11	10
52024010	PG 21	33.5	30		32.0 / 28.0	34.8	11.5	10
52024015	PG 29	43	40		41.0 / 37.0	41.2	13	10

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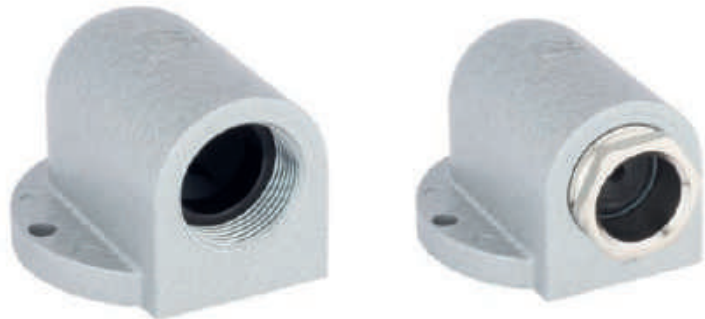
Accessories

- SKINDICHT® SM refer to page 799





SKINDICHT® SE



Benefits

- Sealed by incised sealing ring
- Corrosion-resistant
- Easy to install
- Completely safe cable entry
- Low overall height

Application range

- For high mechanical stress
- When no connection thread is provided

Product Make-up

- PG 16 - 21 with 2 screw holes
- PG 29 - 36 with 4 screw holes

Note

- For combination with other SKINDICHT® or SKINTOP® cable glands, we propose our SKINDICHT® SE without incised sealing ring (E) and compression screw (D)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

Body: zinc die-casting, grey, hammer tone finish
Incised sealing ring: CR
O-ring: NBR
Compression screw: nickel-plated brass



Protection rating

IP 55



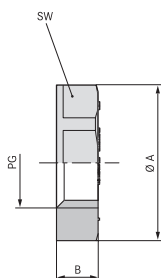
Temperature range

-20°C to +80°C

Article number	Article designation / size	Incised sealing ring ØF (mm)	SW wrench size mm	Overall length (mm)	Overall width (mm)	Overall height (mm)	Pieces / PU
SKINDICHT® SE							
52004130	PG 16	8/10.5/13.5/16	22	49.2	42	36.0	10
52004140	PG 21	11/15/18/20	28	68.1	60	52.5	10
52005430	PG 29	19/23/27/31	37	83.6	66	54.0	5
52004150	PG 36	25/28/31/35	47	99.6	85	73.0	1
SKINDICHT® SE without E+D							
52024090	PG 16			42.0	42	36.0	10
52024100	PG 21			60.0	60	52.5	10
52024110	PG 29			76.0	66	54.0	5
52024120	PG 36			90.0	85	73.0	1

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SKINDICHT® GMK



Benefits

- Supporting surface for spanner means scratches on the housing are avoided

Application range

- For locking SKINDICHT® cable glands in boreholes without thread.

Product Make-up

- PG connection thread

Note

- SKINTOP® GMP-GL counter nuts are recommended if there are high mechanical stress and high torques for tightening are required

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000940
ETIM 5.0/6.0 Class-Description:
Locknut for cable screw gland



Colour delivered

Light grey (RAL 7035)



Material

Polystyrene



Temperature range

-20°C to +70°C

Article number	Article designation / size	Height (mm)	SW wrench size mm	Pieces / PU
SKINDICHT® GMK				
52000110	PG 7	5.0	19	100
52000120	PG 9	5.0	22	100
52000130	PG 11	5.0	24	100
52000140	PG 13,5	6.0	27	100
52000150	PG 16	6.0	30	100
52000160	PG 21	7.0	36	50
52000170	PG 29	7.0	46	50
52000180	PG 36	8.0	60	25
52000190	PG 42	8.0	65	25
52000200	PG 48	8.0	70	25

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SKINDICHT® SM / SKINDICHT® SM-PE



SKINDICHT® SM



SKINDICHT® SM-PE

Benefits

SKINDICHT® SM-PE

- Cutting edges cut through the insulating layer, thus guaranteeing an optimum EMC contact

Application range

SKINDICHT® SM

- Used when a gland has to be countered, or in through-holes on thin-walled housings

SKINDICHT® SM-PE

- For lacquered, anodised or powder-coated housings.

Product Make-up

- PG connection thread

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000940

ETIM 5.0/6.0 Class-Description:

Locknut for cable screw gland



Material

Nickel-plated brass



Temperature range

-60°C to +200°C

Article number	Article designation / size	Height (mm)	SW wrench size mm	Far corner dimension	Pieces / PU
SKINDICHT® SM					
52003490	PG 7	2.8	15	16.6	100
52003500	PG 9	2.8	18	20	100
52003510	PG 11	3.0	21	23.5	100
52003520	PG 13,5	3.0	23	25.5	100
52003530	PG 16	3.0	26	29	100
52003540	PG 21	3.5	32	35.5	50
52003550	PG 29	3.5	41	45	50
52003560	PG 36	5.0	51	56	25
52003570	SM 42	5.0	60	65	25
52003580	PG 48	5.5	64	69	25
SKINDICHT® SM-PE					
52103200	PG 7	4.7	15	17.3	100
52103210	PG 9	4.7	18	20.8	100
52103220	PG 11	4.7	21	24.3	100
52103230	PG 13,5	4.7	23	26.6	100
52103240	PG 16	4.7	26	30	100
52103250	PG 21	5.2	32	37	50
52103260	PG 29	5.7	41	47.3	50
52103270	PG 36	6.5	51	58.9	50

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SKINDICHT® SM INOX



Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000940

ETIM 5.0/6.0 Class-Description:

Locknut for cable screw gland



Material

Stainless steel



Temperature range

-60°C to +200°C

Application range

- Used when a gland has to be countered, or in through-holes on thin-walled housings

Product Make-up

- PG connection thread

Article number	Article designation / size	Height (mm)	SW wrench size mm	Pieces / PU
SKINDICHT® SM INOX				
52032517	PG 7	3.5	17	50
52032559	PG 11	3.5	22	50
5203254	PG 13,5	4.0	24	50
52032555	PG 16	4.0	27	50
52032556	PG 21	4.5	32	25
52032557	PG 29	5.5	41	10
52032558	PG 36	6.0	51	10

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SKINDICHT® BLK / BLK-GL

**Benefits**

- For closing pre-threaded holes

Application range

- Control cabinet manufacturing
- Distribution box
- Junction boxes

Product features

- Assembling with screwdriver

Product Make-up

- PG connection thread

Note

- SKINDICHT® BLK-GL offers high stability due to glass fibre reinforcement

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC000032
ETIM 5.0/6.0 Class-Description: Plug for cable screw gland

**On request**

with O-ring fitted

**Colour delivered**

Light grey (RAL 7035)

**Material**

BLK: polystyrene
BLK-GL: glass fibre-reinforced polyamide

**Protection rating**

IP 54
IP 68 (with O-ring)

**Temperature range**

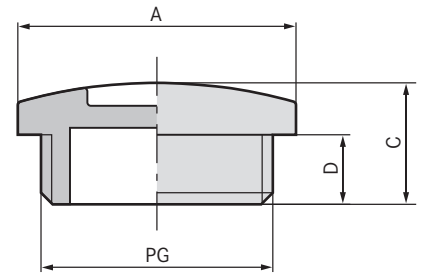
BLK: -20°C to +70°C
BLK-GL: -40°C to +100°C

Article number	Article designation / size	Thread length D mm	Pieces / PU
SKINDICHT® BLK			
52005949	PG 7	6	100
52005950	PG 9	6	100
52005960	PG 11	6	100
52005970	PG 13,5	6	100
52005980	PG 16	6	100
52005990	PG 21	8	50
52006000	PG 29	8	50
52006010	PG 36	10	25
52006020	PG 42	10	25
52006030	PG 48	12	25
SKINDICHT® BLK-GL			
52024848	PG 7	6	100
52024849	PG 9	6	100
52024850	PG 11	6	100
52024851	PG 13,5	6	100
52024852	PG 16	6	100
52024853	PG 21	8	50
52024854	PG 29	8	50
52024855	PG 36	10	25
52024856	PG 42	10	25
52024857	PG 48	12	25

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SKINDICHT® BL



Benefits

- For closing pre-threaded holes

Application range

- Machine and equipment manufacturing
- Electric motor manufacturing

Product features

- Assembling with screwdriver

Product Make-up

- PG connection thread

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000032 ETIM 5.0/6.0 Class-Description: Plug for cable screw gland
	Material Body: nickel-plated brass O-ring: NBR
	Protection rating IP 54 IP 68 (with O-ring)
	Temperature range With O-ring: -20°C to +100°C Without O-ring: -60°C to +200°C

Article number	Article designation / size	Pieces / PU
SKINDICHT® BL		
52002680	PG 7	100
52003390	PG 9	100
52003400	PG 11	100
52003410	PG 13,5	100
52003420	PG 16	100
52003430	PG 21	50
52003440	PG 29	50
52003450	PG 36	25
52003460	PG 42	10
52002790	PG 48	10
SKINDICHT® BL with O-ring		
54001610	PG 7	100
54000071	PG 9	100
54000040	PG 11	100
54001630	PG 13,5	100
54001640	PG 16	100
54001660	PG 21	50
54001620	PG 29	50
54001650	PG 36	25
54001670	PG 42	10
54001680	PG 48	10

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Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® KU, KUS, KUK



Benefits

- Enables the use of cable glands with smaller connection threads than the existing threaded holes
- Glass fibre-reinforced for maximum mechanical stability

Application range

- Machines
- Devices
- Housings

Product Make-up

- PG connection thread
- First digit: external thread
- Second digit: internal thread

Product Make-up

- SKINDICHT® KU with hexagon and flat design (1)
- SKINDICHT® KUS with hexagon and larger height (2)
- SKINDICHT® KUK with knurled heads (3)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Colour delivered

Light grey (RAL 7035)



Material

Polyamide, glass fibre-reinforced



Temperature range

-40 °C to +100 °C

Article number	Article designation / size	Pieces / PU
SKINDICHT® KU		
51730010	KU 11/7	50
52025100	KU 13,5/7	50
52025110	KU 16/9	50
52025120	KU 21/11	25
51730040	KU 21/13,5	25
52025130	KU 29/13,5	25
51730050	KU 29/16	25
52025140	KU 36/16	25
52025150	KU 36/21	25
52025050	KU 36/29	25
52025160	KU 42/21	25
52025170	KU 42/29	25
52025060	KU 42/36	25
52025180	KU 48/29	25
52025190	KU 48/36	25
52025070	KU 48/42	25
SKINDICHT® KUS		
52025040	KUS 9/7	50
51730060	KUS 11/9	50
51730070	KUS 13,5/11	50
51730080	KUS 16/13,5	50
SKINDICHT® KUK		
51730020	KUK 13,5/9	50
51730025	KUK 16 /9	50
51730030	KUK 16/11	50
51730035	KUK 21/13,5	50
51730090	KUK 21/16	50
51730100	KUK 29/21	25
51730110	KUK 36/29	25

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Accessories

- SKINTOP® GMP-GL refer to page 777



SKINDICHT® MR

Benefits

- Enables the use of cable glands with smaller connection threads than the existing threaded holes

Application range

- Machines
- Devices
- Housings

Product Make-up

- PG connection thread
- First digit: external thread
- Second digit: internal thread

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

Nickel-plated brass



Temperature range

-60°C to +200°C



Article number	Article designation / size	Pieces / PU
SKINDICHT® MR		
52003750	MR 9/7	100
52003760	MR 11/7	100
52003770	MR 11/9	100
52003780	MR 13,5/7	100
52003790	MR 13,5/9	100
52003800	MR 13,5/11	100
52003810	MR 16/7	100
52003820	MR 16/9	100
52003830	MR 16/11	100
52003840	MR 16/13,5	100
52003850	MR 21/11	50
52003860	MR 21/13,5	50
52003870	MR 21/16	50
52003880	MR 29/13,5	50
52003890	MR 29/16	50
52003900	MR 29/21	50
52003910	MR 36/16	25
52003920	MR 36/21	25
52003930	MR 36/29	25
52003940	MR 42/29	10
52003950	MR 42/36	10
52003970	MR 48/36	10
52003980	MR 48/42	10

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® EKU



Benefits

- Enables the use of cable glands with larger connection threads than the existing threaded holes
- Assembling with a wrench
- Supporting surface for spanner means scratches on the housing are avoided

Application range

- Machines
- Devices
- Housings

Product Make-up

- PG connection thread
- First digit: external thread
- Second digit: internal thread

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Colour delivered

Light grey (RAL 7035)



Material

Polyamide, glass fibre-reinforced



Temperature range

-40°C to +100°C

Article number	Article designation / size	Pieces / PU
SKINDICHT® EKU		
52025200	EKU 7/9	100
51731000	EKU 9/11	100
51731010	EKU 11/13,5	100
51731020	EKU 13,5/16	100
51731030	EKU 16/21	50
51731040	EKU 21/29	25
52025210	EKU 29/36	25
52025220	EKU 36/42	25
52025230	EKU 42/48	25

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Accessories

- SKINTOP® GMP-GL refer to page 777



SKINDICHT® ME



Benefits

- Enables the use of cable glands with larger connection threads than the existing threaded holes

Application range

- Industrial connectors
- Devices
- Housings
- Machines

Product Make-up

- PG connection thread
- First digit: external thread
- Second digit: internal thread

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000441
ETIM 5.0/6.0 Class-Description: Cable screw gland



Material

Nickel-plated brass



Temperature range

-60°C to +200°C

Article number	Article designation / size	Pieces / PU
SKINDICHT® ME		
52003990	ME 7/9	100
52004000	ME 9/11	100
52004010	ME 9/13,5	100
52004020	ME 11/13,5	100
52004030	ME 11/16	100
52004040	ME 11/21	100
52004050	ME 13,5/16	100
52004060	ME 13,5/21	50
52004070	ME 16/21	50
52004080	ME 16/29	50
52004090	ME 21/29	50
52004100	ME 29/36	50
52004110	ME 36/42	10
52004120	ME 42/48	10

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Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® A-PG/M



A



B

Benefits

- Adapter from a PG outer thread to a metric inner thread

Application range

- Housings
- Industrial connectors
- Machines

Product Make-up

- PG connection thread

Product Make-up

- Form A = high
- Form B = flat

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000441 ETIM 5.0/6.0 Class-Description: Cable screw gland
	Colour delivered Light grey (RAL 7035)
	Material Polyamide, glass fibre-reinforced
	Temperature range -40°C to +100°C

Article number	Form	Thread, male PG	Thread, female M2	SW wrench size mm	Pieces / PU
SKINDICHT® A-PG/M					
52100320	A	PG 7	12 x 1.5	16	25
52100321	A	PG 7	16 x 1.5	20	25
52100322	A	PG 9	12 x 1.5	20	25
52100323	A	PG 9	16 x 1.5	20	25
52100324	A	PG 9	20 x 1.5	24	25
52100325	A	PG 11	16 x 1.5	22	25
52100326	A	PG 11	20 x 1.5	24	25
52100327	A	PG 11	25 x 1.5	29	25
52100328	A	PG 13.5	16 x 1.5	24	25
52100329	A	PG 13.5	20 x 1.5	24	25
52100330	A	PG 13.5	25 x 1.5	29	25
52100331	A	PG 16	20 x 1.5	27	25
52100332	A	PG 16	25 x 1.5	29	25
52100333	A	PG 16	32 x 1.5	36	25
52100334	A	PG 21	25 x 1.5	33	10
52100335	A	PG 21	32 x 1.5	36	10
52100336	A	PG 21	40 x 1.5	46	10
52100337	B	PG 29	32 x 1.5	42	10
52100338	A	PG 29	40 x 1.5	46	10
52100339	A	PG 29	50 x 1.5	55	10
52100340	B	PG 36	40 x 1.5	53	10
52100341	A	PG 36	50 x 1.5	55	10
52100342	A	PG 36	63 x 1.5	68	10
52100343	B	PG 42	40 x 1.5	60	5
52100344	A	PG 42	50 x 1.5	60	5
52100345	A	PG 42	63 x 1.5	68	5
52100346	B	PG 48	50 x 1.5	65	5
52100347	A	PG 48	63 x 1.5	68	5

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Accessories

- SKINTOP® GMP-GL refer to page 777

SKINDICHT® MA-PG/M

**Benefits**

- Adapter from a PG outer thread to a metric inner thread

Application range

- Housings
- Industrial connectors
- Machines

Product Make-up

- PG connection thread

Product Make-up

- Form A: knurl
- Form B: smooth

Technical data**Classification ETIM 5/6**

ETIM 5.0/6.0 Class-ID: EC000441

ETIM 5.0/6.0 Class-Description: Cable screw gland

**Material**

Nickel-plated brass

**Temperature range**

-60 °C to +200 °C

Article number	Form	Thread, male PG	Thread, female M2	Pieces / PU
SKINDICHT® MA-PG/M				
52104490	B	7	12 x 1.5	100
52104491	B	9	16 x 1.5	50
52104492	A	11	16 x 1.5	50
52104493	B	11	20 x 1.5	50
52104494	B	13	20 x 1.5	50
52104495	A	16	20 x 1.5	50
52104496	B	16	25 x 1.5	50
52104497	A	21	20 x 1.5	50
52104498	A	21	25 x 1.5	50
52104499	B	21	32 x 1.5	50
52104500	A	29	25 x 1.5	25
52104501	A	29	32 x 1.5	25
52104502	B	29	40 x 1.5	10
52104503	A	36	40 x 1.5	10

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Accessories

- SKINDICHT® SM refer to page 799



SKINDICHT® O-Ring NBR PG



Benefits

- Resistant to oil, dust and water

Application range

- For a reliable sealing against foreign objects and liquids at the connecting thread of a gland or similar components.

Note

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001181
ETIM 5.0/6.0 Class-Description:
Sealing ring

Colour delivered
Black

Material
NBR

Temperature range
-20°C to +100°C

Article number	Article designation / size	Inner Ø x thickness Ø (mm)	Pieces / PU
SKINDICHT® O-Ring NBR			
53001010	PG 7	10.0 x 1.5	100
53102011	PG 9	13.0 x 1.5	100
53001020	PG 11	16.0 x 1.5	100
52005740	PG 13,5	18.0 x 1.5	100
53001030	PG 16	20.0 x 1.5	100
52005750	PG 21	26.0 x 2.0	100
53001040	PG 29	34.0 x 2.0	50
52005760	PG 36	44.0 x 2.0	50
53001050	PG 42	50.0 x 2.0	50
52005770	PG 48	55.0 x 2.0	50

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SKINDICHT® O-Ring FKM PG



Benefits

- For high temperatures
- Resistant to oils, solvents, acids and chemicals

Application range

- For a reliable sealing against foreign objects and liquids at the connecting thread of a gland or similar components.

Note

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC001181
ETIM 5.0/6.0 Class-Description:
Sealing ring

Colour delivered
Green

Material
FKM

Temperature range
-20°C to +200°C

Article number	Article designation / size	Inner Ø x thickness Ø (mm)	Pieces / PU
SKINDICHT® O-Ring FKM			
52023607	PG 7	10.0 x 1.5	100
52122011	PG 9	13.0 x 1.5	100
52023602	PG 11	16.0 x 1.5	100
52023601	PG 13,5	18.0 x 1.5	100
52023603	PG 16	20.0 x 1.5	50
52023604	PG 21	26.0 x 2.0	50
52023606	PG 29	34.0 x 2.0	50
52023608	PG 36	44.0 x 2.0	25
52023609	PG 42	50.0 x 2.0	25
52023611	PG 48	55.0 x 2.0	25

Photographs and graphics are not to scale and do not represent detailed images of the respective products.



SKINDICHT® JT PTFE PG

**Benefits**

- Resistant to oil, water, alkaline solutions, acids, solvents, etc.
- Suitable for foodstuffs

Application range

- PTFE sealing disks for SKINTOP® and SKINDICHT® cable glands

Note

- Delivery will be made in the largest possible packing unit (bulk goods), minimum order quantity is one packing unit

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC001181 ETIM 5.0/6.0 Class-Description: Sealing ring
	Colour delivered White
	Material PTFE
	Temperature range -120°C to +250°C Short-term: up to +300°C

Article number	Article designation / size	Internal Ø/external Ø (mm)	Thickness (mm)	Outer Ø (mm)	Pieces / PU
SKINDICHT® JT PTFE					
53801035	PG 7	12 / 16	2.0	16.5	100
53801045	PG 9	15 / 19	2.0	19.0	100
53801055	PG 11	18 / 22	2.0	22.5	100
53801065	PG 13,5	20 / 25	2.0	25.0	100
53801075	PG 16	22 / 27	2.0	27.0	100
53801085	PG 21	28 / 33	3.0	33.5	50
53801095	PG 29	37 / 43	3.0	43.5	50
53801105	PG 36	47 / 55	3.0	55.0	25
53801115	PG 42	54 / 63	3.0	63.0	25
53801125	PG 48	59 / 69	3.0	69.0	25

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SKINMATIC® QUICK Set 1



Benefits

- Easy installation of the cables even for high packing density
- Enormous time and cost saving
- Easy and safe handling using open ratchet system
- 4 sizes (M12, 16, 20, 25), only one tool

Application range

- Efficient assembly ratchet set for SKINTOP® plastic and brass cable glands.
- Optional SKINMATIC® TORQUE WRENCH with 9x12 mm adapter for use with SKINMATIC® QUICK SET 1

Product features

- Made of high-quality tool steel
- Included: a handy and strong box for storing
- 1x R1 - ratchet
- 1x V1 - extension
- 5x open nut for wrench size (N) 15, 16, 19, 20, 25, 30, suitable for ratchet head R1

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000149
ETIM 5.0/6.0 Class-Description: Tool set

Note

- Open nut N15 for M12 polyamide
- Open nut N16 for M12 brass
- Open nut N19 for M16 polyamide
- Open nut N20 for M16 brass (extension)
- Open nut N25 for M20 polyamide and brass
- Open nut N30 for M25 polyamide and brass

Article number	Article designation / size	Width of flat surface (mm)	Pieces / PU
SKINMATIC® QUICK SET 1			
61610000	QUICK SET 1	15, 16, 19, 20, 25, 30	1
SKINMATIC® TORQUE WRENCH			
61610012	SKINMATIC® DMG 2-10 Nm		1
61610013	SKINMATIC® DMG 5-25 Nm		1

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Info

- Assembly tool for SKINTOP® gland sizes up to M110 x 2



SKINMATIC® MH Set

Benefits

- Fast, secure and damage-free assembly
- Shaped contact surface prevents the spanner from sliding off

Application range

- Special tools designed for metric SKINTOP® brass types

Product features

- Assembly set manufactured from chromium-plated tool steel
- The SKINMATIC® MH set consists of three special keys:
- OK 16/20 mm (M12/M16)
- OK 24/29 mm (M20/M25)
- OK 36/45 mm (M32/M40)

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC002130
ETIM 5.0/6.0 Class-Description: Spanner

Article number	Width of flat surface (mm)	Brass gland sizes	Overall length (mm)	PU pieces (set)
SKINMATIC® MH-Set				
61791273	16/20, 24/29, 36/45	M 12, M 16, M 20, M 32, M 40	200 / 220 / 250	1
SKINMATIC® MH single wrench				
61791267	54	M 50		1
61791268	67	M 63		1
61791269	75	M 63 plus		1
61791286	95	M 75		1
61791287	115	M 90		1
61791288	135	M 110		1

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Cable glands



SKINMATIC® mounting tools • SKINMATIC® metric mounting tools

SKINMATIC® KB-M



SKINMATIC® SB-M



SKINMATIC® GB-M



Application range

SKINMATIC® KB-M

- For simultaneous core drilling and cutting of metric threads. Especially suitable for thin components and sheet metals

SKINMATIC® SB-M

- For drilling the core-holes of metric threads

SKINMATIC® GB-M

- For cutting metric threads

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000945
ETIM 5.0/6.0 Class-Description: Drill



Material

SKINMATIC® KB-M

HSSE

SKINMATIC® SB-M

HSS

SKINMATIC® GB-M

HSSE

Article number	Article designation / size	Drill length (mm)	Overall length C mm	Pieces / PU
SKINMATIC® KB-M				
61791274	M 12 x 1,5	30	130.0	1
61791275	M 16 x 1,5	35	150.0	1
61791276	M 20 x 1,5	40	165.0	1
61791277	M 25 x 1,5	45	185.0	1
SKINMATIC® SB-M				
61791278	M 32 x 1,5	180	301.0	1
61791279	M 40 x 1,5	200	349.0	1
61791280	M 50 x 1,5	220	369.0	1
SKINMATIC® GB-M				
61791282	M 32 x 1,5	28	150.0	1
61791283	M 40 x 1,5	28	170.0	1
61791284	M 50 x 1,5	32	190.0	1

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Cable glands



SKINMATIC® mounting tools • Universal mounting tools



SKINMATIC® RZ



Benefits

- Adjustable for all wrench sizes ranging from 14 to 33 mm
- Assembling after the cables are already inserted
- Ergonomic plastic grips

Application range

- For quick allocation of cable and conduit glands
- Suitable for metric cable glands

Product features

- Made of chromium-plated tool steel
- With two expandable clamping ranges (lock positions)
- Small opening (14 - 22 mm): M12 to M16, PG7 to PG11, NPT 3/8"
- Large opening (24 - 33 mm): M20 to M25, PG13.5 to PG21, NPT 1/2" to 3/4"

Technical data



Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC002498
ETIM 5.0/6.0 Class-Description: Accessories for low-voltage switch technology

Article number	Article designation / size	Width of flat surface (mm)	Overall length C mm	Pieces / PU
SKINMATIC® RZ				
61791260	SKINMATIC® RZ	14 - 33	250.0	1

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