



SKINTOP® NPT



Benefits

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

Application range

- Used in areas where cables and wires need to be safely inserted into housings
- Machine and equipment manufacturing
- Automation technology
- Devices
- Housings

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- NPT connection thread acc. to ANSI B 1.20.2 - 1983

Note

- Refer to SKINTOP® PG accessories for suitable accessories. Note that SKINTOP® GMP-GL counter nut is not compatible with this model.
- 3/8" = PG9
- 1/2" = PG13.5
- 3/4" = PG21
- 1" = PG29

Product Make-up

- SKINTOP® STR NPT is equipped with a reduction seal insert to seal cables and wires with small outer diameters.

Technical data

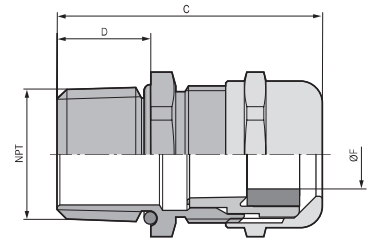
	Classification ETIM 5.0 Class-ID: EC000441 ETIM 5.0 Class-Description: Cable screw gland
	Colour delivered Silver grey (RAL 7001) Black (RAL 9005), UV-resistant
	Material Body: Polyamide Seal: CR
	Protection rating IP 68 - 5 bar
	Temperature range Dynamic: -20°C to +100°C Fixed: -40°C to +100°C

Article number	Article designation / size	Clamping range ØF (mm)	SW wrench size mm	Overall length, C (mm)	Thread length, D (mm)	Pieces / PU
SKINTOP® ST silver grey						
53016010	ST 3/8 NPT"	3,5 - 8	19	43.0	15	100
53016030	ST 1/2 NPT"	5 - 12	24	45.0	15	100
53016050	ST 3/4 NPT"	13 - 18	33	53.0	15	50
53016060	ST 1 NPT"	19 - 25,4	42	60.0	15	25
SKINTOP® ST black						
53016210	ST 3/8 NPT"	3,5 - 8	19	43.0	15	100
53016230	ST 1/2 NPT"	5 - 12	24	45.0	15	100
53016250	ST 3/4 NPT"	13 - 18	33	53.0	15	50
53016260	ST 1 NPT"	19 - 25,4	42	60.0	15	25
SKINTOP® STR silver grey						
53016110	STR 3/8 NPT"	2 - 6	19	43.0	15	100
53016130	STR 1/2 NPT"	4 - 9	24	45.0	15	100
53016150	STR 3/4 NPT"	9 - 16	33	53.0	15	50
SKINTOP® STR black						
53016310	STR 3/8 NPT"	2 - 6	19	43.0	15	100
53016330	STR 1/2 NPT"	4 - 9	24	45.0	15	100
53016350	STR 3/4 NPT"	9 - 16	33	53.0	15	50
SKINTOP® BS silver grey						
53016610	BS 3/8 NPT"	3,5 - 8	19	82.0	15	100
53016630	BS 1/2 NPT"	5 - 12	24	104.0	15	100
53016650	BS 3/4 NPT"	13 - 18	33	133.0	15	50
SKINTOP® BS black						
53016810	BS 3/8 NPT"	3,5 - 8	19	82.0	15	100
53016830	BS 1/2 NPT"	5 - 12	24	104.0	15	100
53016850	BS 3/4 NPT"	13 - 18	33	133.0	15	50

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



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 ANSI B1.20.2 - 1983

Note

- Refer to SKINTOP® metric accessories for suitable accessories. Note that SKINDICHT® SM-M counter nut is not compatible with this model.
- 1/4" = M12, 3/8" = M16
- 1/2" = M20, 3/4" = M25
- 1" = M32, 1 1/4" = M40
- 1 1/2" = M50, 2" = M63

Product Make-up

- SKINTOP® MSR NPT is equipped with a reduction seal insert to seal cables and wires with small outer diameters

Technical data

Classification
 ETIM 5.0 Class-ID: EC000441
 ETIM 5.0 Class-Description: Cable screw gland

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

IP Protection rating
 IP 68 - 10 bar

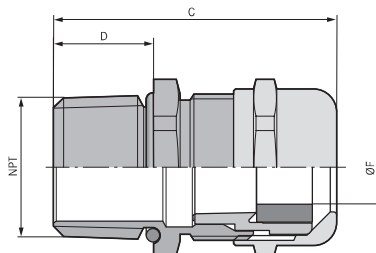
Temperature range
 dynamic -25°C up to + 100°C
 Fixed: -40°C to +100°C

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

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SKINTOP® MS-SC NPT



Benefits

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

Application range

- For EMC-compliant earthing of the copper braiding, or for cables with copper shaft sheath
- 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 ANSI B 1.20.2 - 1983

Technical data

Classification
 ETIM 5.0 Class-ID: EC000441
 ETIM 5.0 Class-Description:
 Cable screw gland

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

Protection rating
 IP 68 - 10 bar

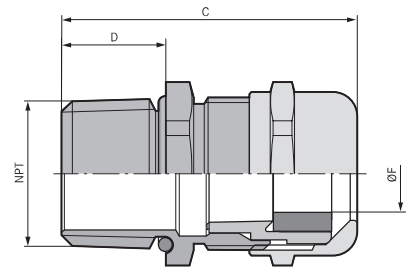
Temperature range
 dynamic -25°C up to + 100°C
 static -40°C up to +100°C

Article number	Article designation / size	Clamping range ØF (mm)	SW wrench size mm	Overall length, C (mm)	Thread length, D (mm)	Pieces / PU
SKINTOP® MS-SC NPT						
53112910	3/8"	4,5 - 10	20	39.7	15	100
53112920	1/2"	7 - 13	24	42.5	15	50
53112930	3/4"	9 - 17	29	44.5	15	25
53112940	1"	11 - 21	36	49.0	15	25
53112950	1 1/4"	19 - 28	45	57.5	17	10
53112960	1 1/2"	27 - 35	54	61.5	17	5

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SKINTOP® MS-NPT BRUSH



Benefits

- Faster, easier screen contact
- 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, or for cables with copper shaft sheath
- Automation technology
- Conveyor technology
- High-power drives
- Frequency converters

Norm references / Approvals

- UL File Nr. E79903

Product Make-up

- NPT connection thread acc. to ANSI B1.20.2 - 1983

Technical data

Classification
 ETIM 5.0 Class-ID: EC000441
 ETIM 5.0 Class-Description:
 Cable screw gland

Material
 Body: nickel-plated brass
 EMC brush: brass
 Sealing ring: special elastomer
 O-ring: special elastomer

IP Protection rating
 IP 68 - 10 bar

Temperature range
 dynamic -25°C up to + 100°C
 static -40°C up to +100°C

Article number	Article designation / size	Clamping range ØF (mm)	SW wrench size mm	Overall length, C (mm)	Thread length, D (mm)	Pieces / PU
SKINTOP® MS-NPT BRUSH						
53112037	3/4"	9 - 17	29	43.0	15	10
53112047	1"	11 - 21	36	48.0	15	1
53112057	1 1/4"	19 - 28	45	57.5	17	1
53112067	1 1/2"	27 - 35	54	59.0	17	1
53112077	2"	34 - 45	67	63.0	17	1
53112087	2" plus	44 - 55	75	72.0	17	1

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