



SKINTOP® ST-M / SKINTOP® STR-M



Info

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

Benefits

SKINTOP® ST-M

- 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
- 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

- Refer to SKINTOP® metric accessories for suitable accessories
- Counter nut to be used: SKINTOP® GMP-GL-M
- 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

SKINTOP® STR-M

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

Suitable tools

SKINTOP® ST-M

- SKINMATIC® QUICK Set 1 refer to page 815
- SKINMATIC® MH Set refer to page 815
- SKINTOP® LOCATOR
- SKINMATIC® RZ refer to page 816

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 SKINTOP® ST-M

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

SKINTOP® STR-M

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
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	Clamping range ØF (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	4,5-10	19	34,0	8	100
53111020	M 20 x 1,5	7-13	25	37,0	9	100
53111030	M 25 x 1,5	8-17	30	40,0	10	50
53111040	M 32 x 1,5	11-21	36	47,0	10	25
53111050	M 40 x 1,5	16-28	46	52,0	10	10
53111060	M 50 x 1,5	27-35	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	4,5-10	19	34,0	8	100
53111220	M 20 x 1,5	7-13	25	37,0	9	100
53111230	M 25 x 1,5	8-17	30	40,0	10	50
53111240	M 32 x 1,5	11-21	36	47,0	10	25
53111250	M 40 x 1,5	16-28	46	52,0	10	10
53111260	M 50 x 1,5	27-35	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	4,5-10	19	34,0	8	100
53111420	M 20 x 1,5	7-13	25	37,0	9	100
53111430	M 25 x 1,5	8-17	30	40,0	10	50
53111440	M 32 x 1,5	11-21	36	47,0	10	25
53111450	M 40 x 1,5	16-28	46	52,0	10	10
53111460	M 50 x 1,5	27-35	55	62,0	12	5
53111470	M 63 x 1,5	34-45	66	71,0	12	5

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 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
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	1-5	15	30.0	8	100
53111110	M 16 x 1,5	2-7	19	34.0	8	100
53111120	M 20 x 1,5	5-10	25	37.0	9	100
53111130	M 25 x 1,5	6-13	30	40.0	10	50
53111140	M 32 x 1,5	7-15	36	47.0	10	25
53111150	M 40 x 1,5	9-23	46	52.0	10	10
53111160	M 50 x 1,5	22-29	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	1-5	15	30.0	8	100
53111310	M 16 x 1,5	2-7	19	34.0	8	100
53111320	M 20 x 1,5	5-10	25	37.0	9	100
53111330	M 25 x 1,5	6-13	30	40.0	10	50
53111340	M 32 x 1,5	7-15	36	47.0	10	25
53111350	M 40 x 1,5	9-23	46	52.0	10	10
53111360	M 50 x 1,5	22-29	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	1-5	15	30.0	8	100
53111510	M 16 x 1,5	2-7	19	34.0	8	100
53111520	M 20 x 1,5	5-10	25	37.0	9	100
53111530	M 25 x 1,5	6-13	30	40.0	10	50
53111540	M 32 x 1,5	7-15	36	47.0	10	25
53111550	M 40 x 1,5	9-23	46	52.0	10	10
53111560	M 50 x 1,5	22-29	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® ST-M

- SKINTOP® DIX-M refer to page 718
- SKINTOP® GMP-GL-M refer to page 716
- SKINTOP® DIX-M AUTOMATION refer to page 719
- SKINTOP® SD-M refer to page 720
- SKINTOP® SDV-M ATEX refer to page 711
- SKINTOP® DV-M refer to page 720

SKINTOP® STR-M

- SKINTOP® GMP-GL-M refer to page 716
- SKINTOP® SD-M refer to page 720
- SKINTOP® SDVR-M ATEX refer to page 711