53112000	DATA SHEET	LAPP
Valid from: 10.09.2026	SKINTOP® MS-M / MSR-M	

The SKINTOP® MS-M / MSR-M is a nickel-plated brass cable gland with metric connecting thread which combines high quality regarding consistency and reliability. It is especially designed for use in manufacturing of machines and equipment, in measuring, controlling as well as in the pharmaceutical industry and for medical equipment.
The sizes SKINTOP® MS-M / MSR-M75x1,5, M90x2 and M110x2 with innovative double lamella insert for easier assembling of cables with larger diameters. Proven functionality also during hardest cleaning procedures at industrial machinery with high-pressure cleaners and hot water.



Components:

Gland body	Brass, nickel-plated Lead free Brass, nickel-plated
Cap nut	Brass, nickel-plated Lead free Brass, nickel-plated
Insert with lamellar cage	Polyamide, V-2 acc. to UL 94
Sealing ring	CR (ozone- and UV-resistant)
O-ring	NBR (ozone- and UV-resistant)

Technical features:

Connecting thread	M12x1.5 up to M110x2 acc. to DIN EN 60423	
Protection class / NEMA Type Rating	IP66 acc. to DIN EN 60529 IP68 – 10bar / 30min for M12x1,5 to M50x1,5 acc. to DIN EN 60529 IP68 – 5bar / 30min for M63x1,5 acc. to DIN EN 60529 IP68 – 1bar / 30min for M63x1,5plus & M75x1,5 acc. to DIN EN 60529 IP69 for M12x1,5 up to M63x1,5 acc. to DIN EN 60529 Liquid tight cord grip acc. to UL514B, CSA C22.2 No. 18.3-12 Type 1, Type 4x, Type 6 and Type 12 acc to UL 50E, CSA C22.2 No. 94.2-15	
Strain relief	Category A according to DIN EN 62444	
Temperature range	Dynamic	-25°C up to +100°C
	Static	-40°C up to +100°C
Design	MS-M	standard
	MSR-M	with reducing sealing ring (for smaller cable diameters)
Corrosion protection	Salt spray test (168 H. / 35°C) acc. to DIN EN ISO 9227	

Other characteristics:

Maximum reliability
Optimal strain relief
Large, variable clamping ranges

Approbationen:

UL File Nr. 79903
(Test in acc. to UL514B)

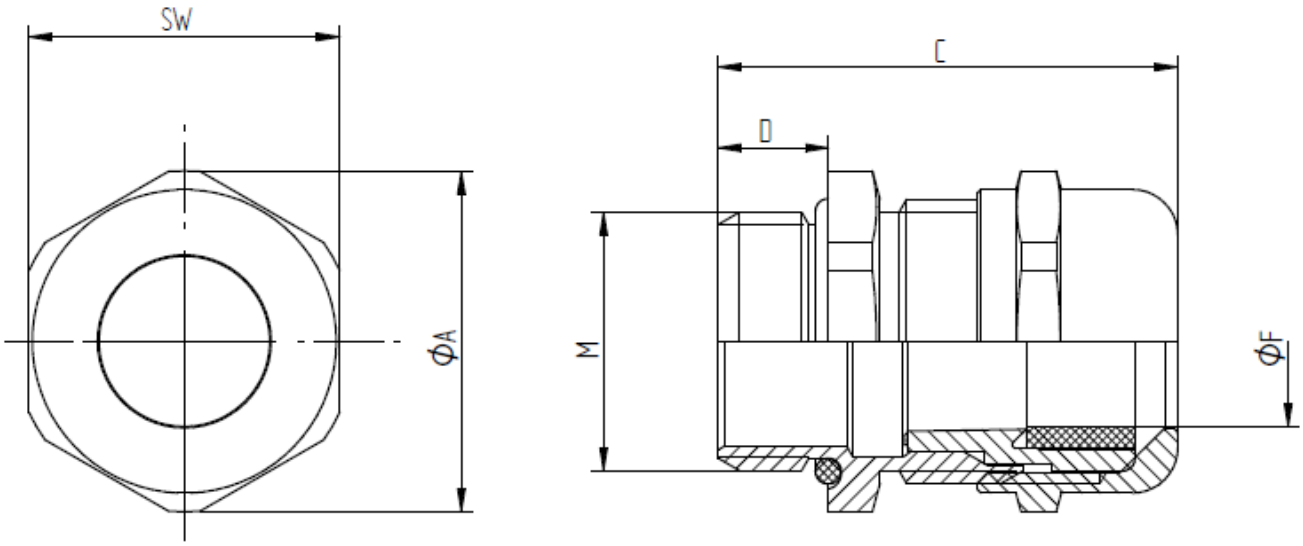
Approved: IP68, IP69

Approved: IP68, IP69
Sizes M12 – M75

Norm references:

CE

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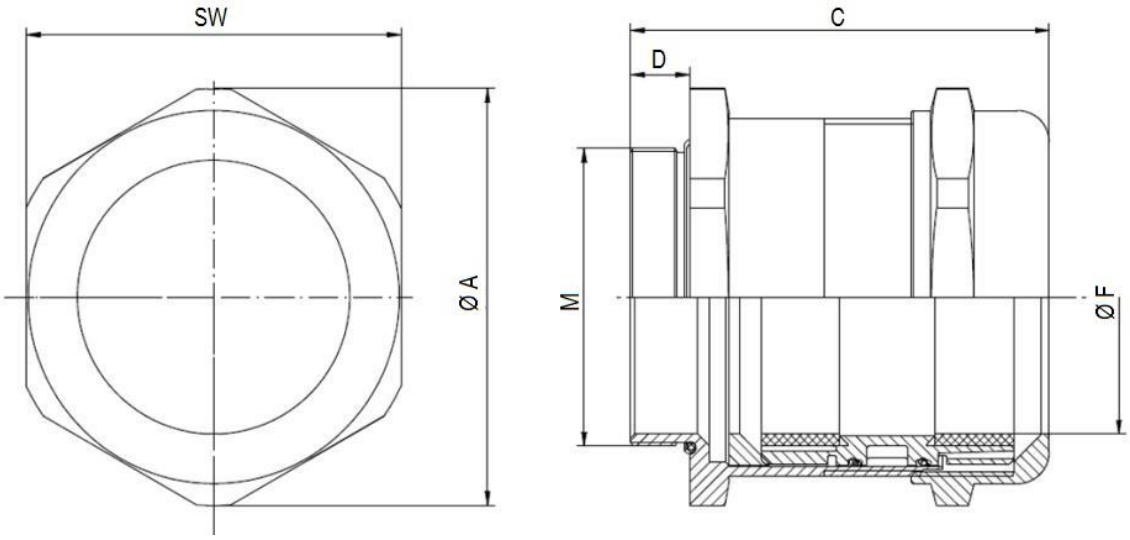
SKINTOP® MS-M

M	SW [mm]	Ø A [mm]	C max. [mm]	D [mm]	Ø F [mm] Clamping range	O-Ring [mm]	Part No.	
							Brass	Lead free Brass
M12x1,5	16	17,6	27	6,5	3,5 – 7	9x2	53112000	53112000LF
M16x1,5	20	22,0	31,5	7,0	4,5 – 10	13x2	53112010	53112010LF
M20x1,5	24	26,4	35,5	8,0	7 – 13	17x2	53112020	53112020LF
M25x1,5	29	31,9	38	8,0	9 – 17	22x2	53112030	53112030LF
M32x1,5	36	39,6	43	9,0	11 – 21	28x2	53112040	53112040LF
M40x1,5	45	49,5	47,5	9,0	19 – 28	36x2	53112050	53112050LF
M50x1,5	54	59,0	53	10,0	27 – 35	46x2	53112060	53112060LF
M63x1,5	67	73,5	61,5	15,0	34 – 45	57x2	53112070	53112070LF
M63x1,5plus	75	83,9	69	15,0	44 - 55	57x2	53112080	-

SKINTOP® MSR-M

M	SW [mm]	Ø A [mm]	C max. [mm]	D [mm]	Ø F [mm] Clamping range	O-Ring [mm]	Part No.	
							Brass	Lead free Brass
M12x1,5	16	17,6	27	6,5	2 – 5	9x2	53112100	53112100LF
M16x1,5	20	22,0	31,5	7,0	2 – 7	13x2	53112110	53112110LF
M20x1,5	24	26,4	35,5	8,0	5 – 10	17x2	53112120	53112120LF
M25x1,5	29	31,9	38	8,0	6 – 13	22x2	53112130	53112130LF
M32x1,5	36	39,6	43	9,0	7 – 15	28x2	53112140	53112140LF
M40x1,5	45	49,5	47,5	9,0	15 – 23	36x2	53112150	53112150LF
M50x1,5	54	59,0	53	10,0	22 – 29	46x2	53112160	53112160LF
M63x1,5	67	73,5	61,5	15,0	28 – 39	57x2	53112170	53112170LF

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SKINTOP® MS-M75 / M90 / M110

M	SW [mm]	Ø A [mm]	C max. [mm]	D [mm]	Ø F [mm] Clamping range	O-Ring [mm]	Part No. Brass
M75x1,5	95	105	105,0	15	58 – 68	65x2	53112510
M90x2	115	127	135,5	20	66 – 78	82x3	53112512
M110x2	135	150	154,0	25	86 – 98	100x3	53112514

SKINTOP® MSR-M75 / M110

M	SW [mm]	Ø A [mm]	C max. [mm]	D [mm]	Ø F [mm] Clamping range	O-Ring [mm]	Part No. Brass
M75x1,5	95	105	105	15	53 – 63	65x2	53112511
M110x2	135	150	154	25	76 – 88	100x3	53112515

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

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