

53112570 Internal	DATA SHEET	
Valid from: 29.07.2025	SKINTOP® MS-HF-M	

The SKINTOP® MS-HF-M is a metric cable gland made of brass nickel-plated polyamide which is flame retardant and non-halogen. It is designed for a universal use, in premises where the subject is human protection, such as office and public buildings, undergrounds tunnels, aeration systems, as well as in premises where the subject is protection of properties values, such as industrial installations, storehouses, supply installations and ship building.



Components:

Gland Body	Brass, nickel plated
Cap nut	Brass, nickel plated
Insert with lamellar cage	Polyamide, Halogen free V0 (acc. to UL 94)
Seal insert for the lamellar cage	Special Elastomer halogen free, flame retardant
O-Ring:	HNBR halogen free, flame retardant

Technical features:

Connecting thread	M 12x1,5 up to M 63x1,5 in acc. to DIN 60423, table 1
IP- protection	IP 68 - 5 bar/30min in acc. to EN 60 529
Strain relief	cat. A in acc. to EN 50262
Temperature range	Dynamic -25°C up to +100°C Static -40°C up to +100°C

Norm



Tested in according to:

DIN EN 45545-2: 2016-02 & 2020-10
 “Railway applications – Fire protection to railway vehicles – Part 2: Requirements for fire behavior of materials and components.”
 Test result: Hazard Level **HL3** acc. to DIN EN ISO 4589-2: 2006-06

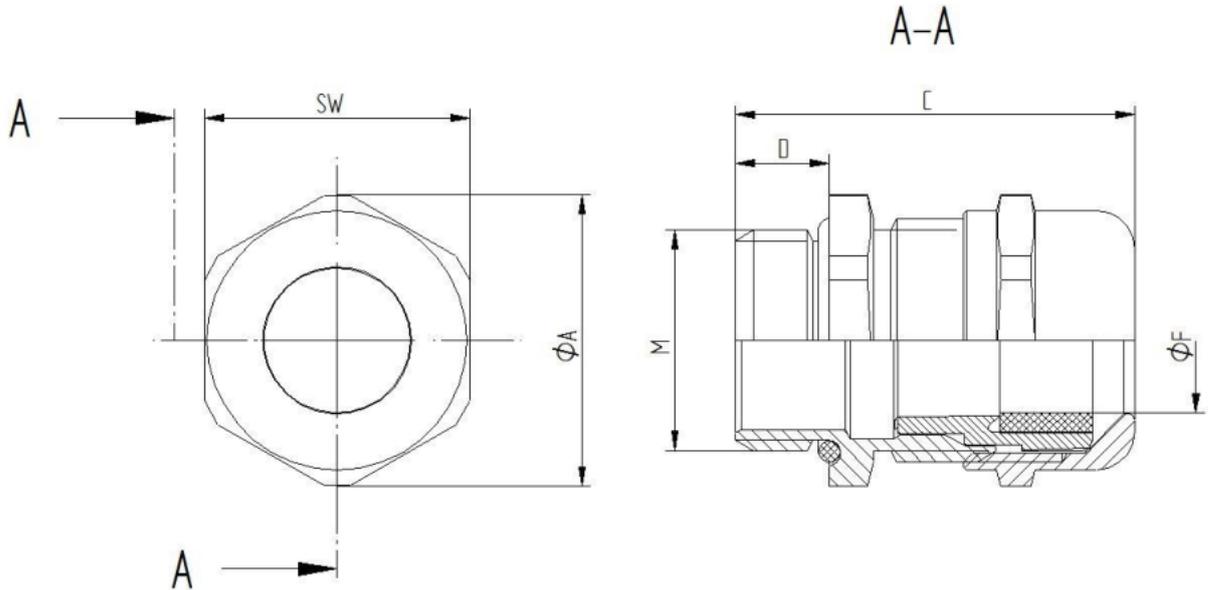
DIN EN 45545-3: 2013-08
 „Railway applications – Fire protection to railway vehicles – Part 3: Fire resistance requirements for fire barriers.“
 Classification: **E30** acc. to DIN EN 13501-2: 2010-02

AbN
automation

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Thread	SW	ØA (mm)	C (mm)	D (mm)	ØF Clamping range (mm)	O-Ring	Part No.
M12x1,5	16	17,6	26,5	6,5	3,5-7	9x2	53112570
M16x1,5	20	22	31	7	4,5-10	13x2	53112571
M20x1,5	24	26,4	33	8	7,0-13	17x2	53112572
M25x1,5	29	31,9	37	8	9,0-17	22x2	53112573
M32x1,5	36	39,6	42,2	9	11,0-21	28x2	53112574
M40x1,5	45	49,5	48	9	19,0-28	36x2	53112575
M50x1,5	54	59	53,5	10	27,0-35	46x2	53112576
M63x1,5	67	73,5	60	15	34,0-45	57x2	53112577

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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