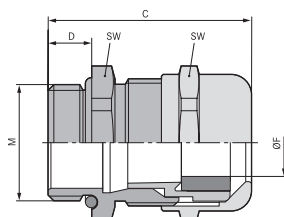




## SKINTOP® MS-HF-M BRUSH



**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
- DIN EN 45545-3: 2013-08
- DIN EN 1363-1: 2012-10
- DIN EN 13501-2: Classification 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
- Refer to SKINTOP® metric accessories for suitable 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**  
 Refer to Appendix T21 for the installation dimensions and torques

**Material**  
 Body: nickle plated brass  
 Insert: haolgen-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**  
 Fixed: -40°C to +100°C  
 dynamic -25°C up to + 100°C

Article number	Article designation / size	Clamping range ØF (mm)	Minimum Ø above braiding (mm)	SW wrench size mm	Overall length, C (mm)	Thread length, D (mm)	Pieces / PU
<b>SKINTOP® MS-HF-M BRUSH</b>							
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

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

### Accessories

- SKINDICHT® SM-PE-M refer to page 744