

# SKINTOP® MS-NPT/MS-M BRUSH



Liquid-Tight, Metallic Strain Relief for EMC Shielding Applications

Easy to Assemble, Cable Gland with NPT or Metric Threads

The SKINTOP® MS-NPT/MS-M BRUSH provides centered, fixed strain relief with a liquid-tight and dust-proof seal (IP68), all in one step. Simply insert the cable, push the screen braid under the innovative EMC brush, tighten and the connection is made.

The SKINTOP® MS-M BRUSH Plus sizes offers extra large clamping ranges.

### Application Advantage:

- Faster, easier, reliable screen contact
- Maximum assembly and adjustment possibilities
- 360° contact area allows for optimal low-resistance current return ground path



### SPECIAL FEATURES

SKINTOP® sizes M75X1.5 to M110X2.0 feature the innovative, double lamella gasket for easier assembling of cables with larger diameters

### Technical Data:

<p> <b>Materials:</b>          Body: Nickel-Plated Brass          Insert: Polyamide          Bushing: Special Elastomer          O-Ring: Special Elastomer</p>	<p> <b>Seal:</b> IP 68, 5 Bar          (Exceeds NEMA 6/ 6P Pressure rating)</p> <p> <b>Temperature Range:</b> -30°C to +100°C</p>
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### SKINTOP® MS-NPT BRUSH: Liquid Tight, Metallic Strain Relief for EMC Shielding with NPT Threads

Part Number	Thread Type & Size	Clamping Range inches	SW Wrenching Flats inches	Minimum ø above braiding inches	Thread Length inches	Standard Pack Size
53112037	NPT-3/4"	0.354 - 0.669	1.142	0.236	0.591	1
53112047	NPT-1"	0.433 - 0.827	1.417	0.315	0.591	1
53112057	NPT-1-1/4"	0.748 - 1.102	1.772	0.394	0.669	1
53112067*	NPT-1-1/2"	1.063 - 1.378	2.126	0.551	0.669	1
53112077*	NPT-2"	1.339 - 1.772	2.638	0.787	0.669	1
53112087*	NPT-2"	1.732 - 2.165	2.953	0.984	0.669	1

\* Available upon request

### SKINTOP® MS-M BRUSH: Liquid-Tight, Metallic Strain Relief for EMC Shielding Applications

Part Number	Thread Type & Size	Clamping Range inches	SW Wrenching Flats inches	Minimum ø above braiding inches	Thread Length inches	Standard Pack Size
53112676	M-25X1.5	0.354 - 0.669	1.142	0.236	0.315	10
53112677	M-32X1.5	0.433 - 0.827	1.417	0.315	0.354	1
53112678	M-40X1.5	0.748 - 1.102	1.772	0.394	0.354	1
53112679	M-50X1.5	1.063 - 1.378	2.126	0.551	0.394	1
53112680	M-63X1.5	1.339 - 1.772	2.638	0.787	0.591	1
53112681	M-63X1.5, plus	1.732 - 2.165	2.953	0.984	0.591	1
53112501	M-75X1.5	2.087 - 2.480	3.740	1.378	0.591	1
53112500	M-75X1.5, plus	2.283 - 2.677	3.740	1.378	0.591	1
53112503	M-90X2.0	2.598 - 3.071	4.528	1.772	0.787	1
53112505	M-110X2.0	2.992 - 3.465	5.315	2.165	0.984	1
53112504	M-110X2.0, plus	3.386 - 3.858	5.315	2.165	0.984	1

Please note:

\*UL and VDE approvals pending on sizes M90X1.5 to M110X2.0