



a **MUELLER** brand

MUELLER 4-24" STAINLESS STEEL TAPPING SLEEVES SPECIFICATION

Product Specifications

1. The tapping sleeves shall be the split sleeve, drop-in bolt design.
2. The tapping sleeve shell shall be manufactured of 304L stainless steel.
3. The tapping sleeve outlet shall be provided with a 3/4" NPT test plug with a square head for quick and easy removal. The plug shall be composed of:
 - a. brass.
 - b. 304 stainless steel.
4. The tapping sleeve shall have a class 125 outlet flange with drilling and dimensions that fully comply with ANSI B16.1. The outlet shall also have a machined recess to match the machined projections on standard tapping valves to assure correct alignment in accordance with MSS-SP 60. The flange material shall be:
 - a. type 304 stainless steel flange.
 - b. carbon steel flange, with an enamel coating.
 - c. ductile iron flange, with an enamel coating.
 - d. type 304 stainless steel MJ outlet
5. The tapping sleeve shall have a rated working pressure of 250 psig in sizes 4"-12" and 200 psig in sizes 14"-24".
6. The tapping sleeve shall have a complete circle gasket on the interior of the shell. The gasket shall be composed of NBR virgin nitrile rubber and be of the waffle design. The gasket shall provide a complete 360° seal.
7. The tapping sleeve bolts, nuts, and washers shall be type 304 stainless steel. The nuts shall be of the heavy hex type. The bolts shall be a rolled thread, drop-in style, coated with an anti-galling compound.
8. The tapping sleeve shall have an integral gap bridging that eliminates separate gap bridges and reduces deformation of the bridge under high torques on sleeves up to 12". Tapping sleeves in larger sizes shall have gap bridges.

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UK: +44.1438.487410 Dubai: +971.4.214.6640 Singapore: +65.6816.3088 USA: +1 800.423.1323 International@muellerwp.com

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9. The tapping sleeve welds shall be passivated, in addition to the entire sleeve, to maintain optimum corrosion resistance, in accordance with ASTM A380.

The stainless-steel tapping sleeves with stainless steel flanges shall be HYMAX® H304SS series or approved equal.

The stainless-steel tapping sleeves with carbon steel flanges shall be HYMAX® H304CS series or approved equal.

The stainless-steel tapping sleeves with ductile iron flanges shall be HYMAX® H304DI series or approved equal.

The stainless-steel tapping sleeve with MJ outlet shall be HYMAX® H304MJ series or approved equal.

