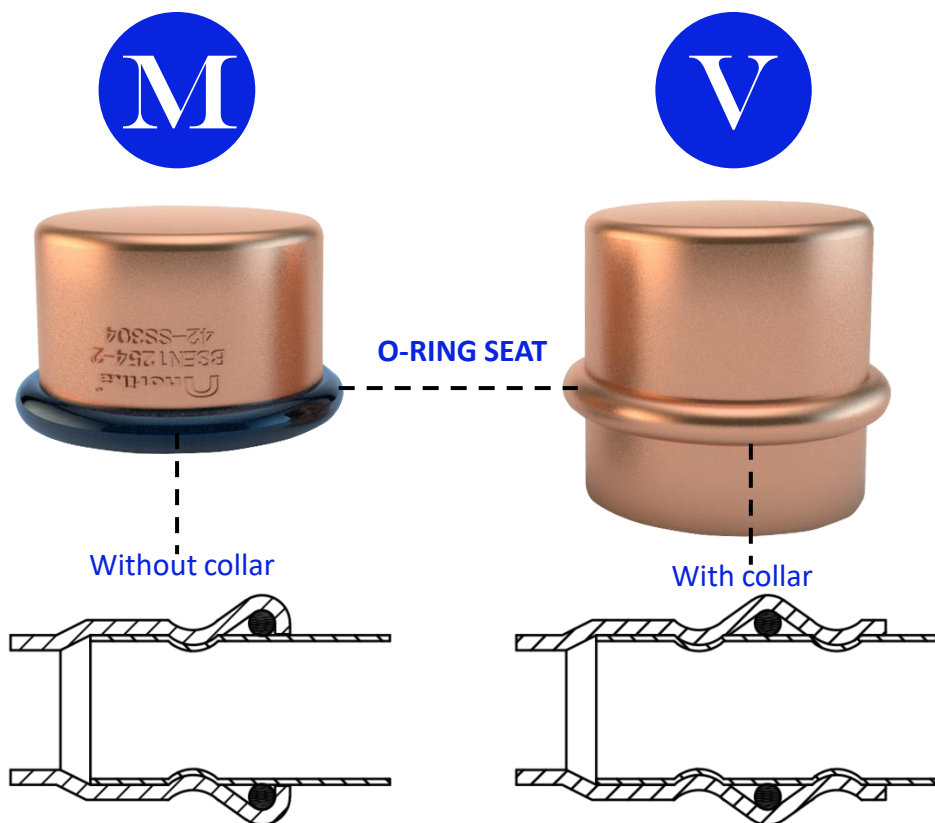


Press Fit Fitting Profiles “M” and “V”

In plumbing applications, one of the most asked questions is whether to choose between “M” or “V” press fitting profiles.

The first press was developed in 1950’s, and was patented in 1962 and was developed by Mannesman GmbH thus calling it the “M” profile. Many years later, in 1989, the “V” profile was developed and released in the market by Viega LLC.

The most visible between the two profiles will come down to that the “V” profile is the “collar” situated after the O-ring seat, while on the other hand the “M” profile does not have any “collar”. Please refer to the diagram below.



Both profiles use the same pressing equipment, although there is quite a difference in their jaws. Further investigation suggest that V press fittings have “stalk” located immediately after the pressing chamber. But at the same time, the presence of stalk makes it quite difficult to check the proper positioning of the o-ring.

In terms of general performance of the fittings, we can refer to the recommendation of the manufacturers of both the fittings and tooling. Gathering all of the available information and referring to manufacturer recommendations.

In general circumstances, the choice is made on the basis of preference of the installer. Both profiles must comply with the same regulations and have the same certifications. There is no difference in functionality. Fluids pass through the fittings and pipes in the same manner. On the technical level, it can be described that the most visible difference between them is the presence of collar for the V Profile, whereas M Profile press fittings does not have any “collar”.