



TEESING

SOLUTION FOR
APPLICATIONS
WITH A
LIMITED SPACE

SOLUTION FOR COFFEE MACHINES

UNIQUE UNIONS FOR COFFEE MACHINES

APPLICATION

In order to provide fresh cups of coffee, a coffee machine needs regular maintenance. There are several reasons to conduct maintenance. For example: Limestone, hot water and high pressures affect the sensitive boiler and solenoid valve over time, the chemical elements in coffee beans and ground coffee contains residues that remain in several places in the machine which causes problems over time.

LIMITED SPACE

Because of the limited space in coffee machines, the boiler and solenoid valves are mostly built-in behind brass, brass CV or stainless steel tubing and couplings. Bending or straining the tubing leads to damage or even cause leakage. To prevent this, traditional couplings need to be dismantled and removed together with the tubing. (Dis)mounting the traditional couplings are very time consuming and labor-intensive compared to Serto's unique radial (dis)mounting couplings.



Inside a coffee machine using traditional couplings.

PRODUCT SPECIFICATIONS

The quality of the products in coffee machine applications are essential. The products need to be FDA approved, capable of withstanding high temperatures (90°C) and pressures up to 16 bar.



Boiler subassembly pre-fabricated by Serto, mounted and installed by customer.



Boiler unit in the coffee machine, Serto unions join the media-conveying lines with the espresso module.



Boiler unit in the coffee machine.

WE ENGINEER FROM SOURCE TO PROCESS

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LET'S HEAR FROM OUR SPECIALISTS

SOLUTION FOR APPLICATIONS WITH A LIMITED SPACE

SOLUTION

In this application the use of Serto couplings are ideal for its mounting and dismounting ability. Initial assembling of the couplings is done in the conventional manner. The coupling is tightened by hand and the nut is 1 3/4 turns tightened with a wrench so the coupling is leak proof. These couplings can be disconnected and a new pre-assembled nut and ferrule can be installed. The couplings just need a simple 1/4 turn to be leak tight and there is no need for Teflon tape or O-rings.

This method provides ease of installation, time saving and above all, material savings.

MANUFACTURERS

All the major manufacturers of professional coffee machines benefit by using Serto's radial (dis) mounting unions.

Major brands like Jura, La Cimbali, Schaerer, Bremer, WMF, Melitta, Bravilor Bonamat, Animo, Mavam and many other coffee machine manufacturers already benefit of using Serto couplings. One of the newest customers, Thermoplan, equips the coffee machines for the Starbucks chain of coffee shops with Serto unions.



BENEFITS SERTO:

- 40% Time saving
- FDA approved
- Low-lead brass
- Easy radial mounting and dismounting
- Able to pre-assemble for plug and play
- At least one wrench size smaller compared to other couplings

AVAILABLE PRODUCTS:

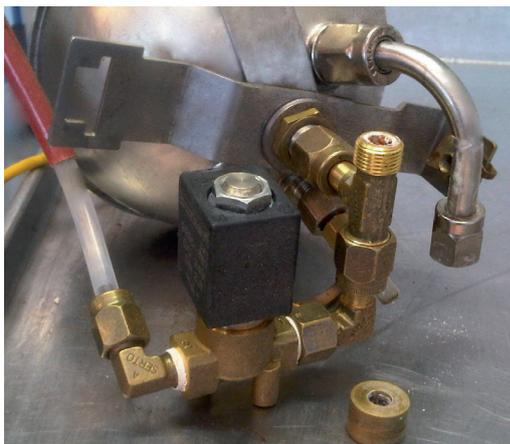
- Brass (CV) and stainless steel couplings and valves
- Serto assemblies
- FEP, Silicon, copper and stainless steel Tubing
- Solenoid valves
- Etc.

Teesting and Serto are partners for over 60 years. Our technical Sales Engineers can advise you to find the right solution for your application.

CUSTOMER STORY

ESPRESSO SERVICE, PURMEREND

FULL SERVICE PROVIDER OF ESPRESSO MACHINES FOR CATERING AND BUSINESSES



→ **John Rozeboom**, Technical Services Manager

"TEESING DELIVERS QUICKLY AND WELL. I HAVE RELIED ON THEM FOR MANY YEARS NOW"

"We use Serto brass couplings and plastic tubing from Teesting for our fully automatic coffee machines and classic piston machines. It's all about hygiene. The products Teesting offers are perfectly suitable for hygienic applications."

That Teesting really works with its customers is something that Rozeboom experiences daily: "We can order our products at Teesting under our own part number, which simplifies our logistics process considerably. We have been satisfied working with Teesting for more than five years now."



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