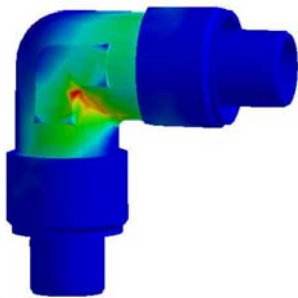


Aadorf, May 2005

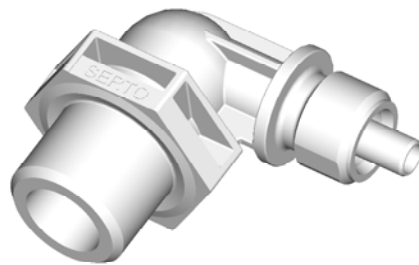
New design for PVDF and PA unions

New look thanks to newest development technology

In designing injection moulded products, utmost attention must be awarded to several factors, such as the homogenous cooling of the material and the optimal stability of the material. In order to meet this challenge, we used the FEM (Finite Element Method). By means of realistic models, we were able to determine how much material was actually required and where. This revealed a few surprising results, which can best be seen on the spanner flats of the hexagon.



FEM Analysis



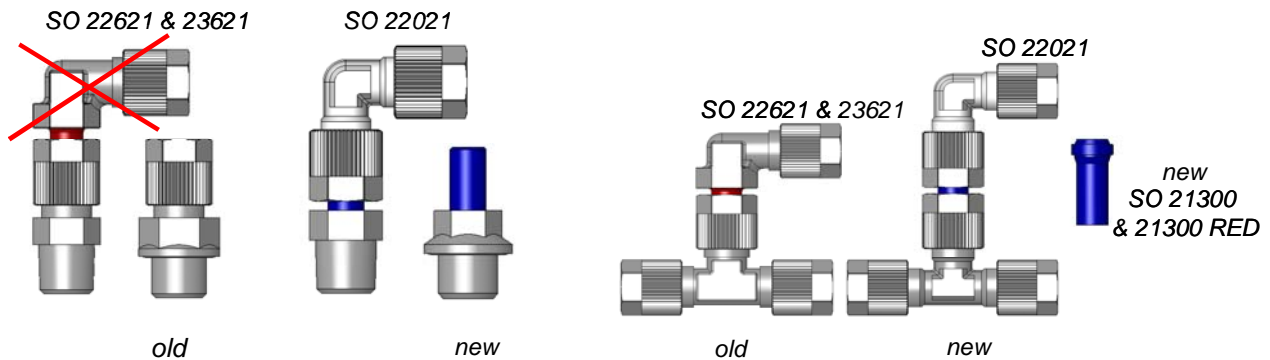
New design on basis of product analysis

New standardised measurements

In order to keep the enormous costs for new injection moulding tools under control - we are talking in the range of CHF 1 million - our engineers adhered closely to the basic principles of modular design. The product range analysis showed that, for example, a ¼-inch adaptor thread had a hexagon of 10 or 12 mm depending on the model. This was standardised throughout the entire product range, whereas we always decided on the smallest possible width across flats. In some cases the overall length of the tube connectors are also shorter.

We believe this is in your interest since all conflicts within the components assemblies have been eliminated.

Upon serious consideration we decided to discontinue these article groups in this form. In exchange, we gladly announce that we are supplementing our line with the connecting adaptors SO 213...and adjustable adaptors SO 211... Many new combinations are possible with these products. If these changes cause, contrary to our expectations, insurmountable problems on your part, please do not hesitate to contact us. We are sure to find a solution.



What is the replacement procedure?

The replacement of the existing with the new versions will be done gradually because an entire product range cannot be renewed overnight. As an ISO-certified company we are aware of our commitments and have therefore assigned new material numbers to the new products. See the overview below:

		Material number old	Material number new
PVDF	Single part	106,xxxx,xxx	126,xxxx,xxx
	Unions	108,xxxx,xxx	128,xxxx,xxx
PA	Single part	096,xxxx,xxx	166,xxxx,xxx
	Unions	098,xxxx,xxx	168,xxxx,xxx

The replacement will take place serially, i.e. as soon as SERTO Ltd does not have enough old versions to meet customer requirements, we will switch to the new versions. We can thus warrant continuous availability.

Important: We will not accept any returns of inventory.

How can you tell if it is a new version?

Apart from the fact that some of the parts look different on the outside, we will affix labels to the packaging bags for a certain time (see below).

Neue Ausführung

Details siehe [http://www.serto.ch/Neue Kunststoffverschraubungen](http://www.serto.ch/Neue_Kunststoffverschraubungen)

Nouvelle exécution

Détails voir [http://www.serto.ch/Nouveaux raccords en plastique](http://www.serto.ch/Nouveaux_raccords_en_plastique)

New execution

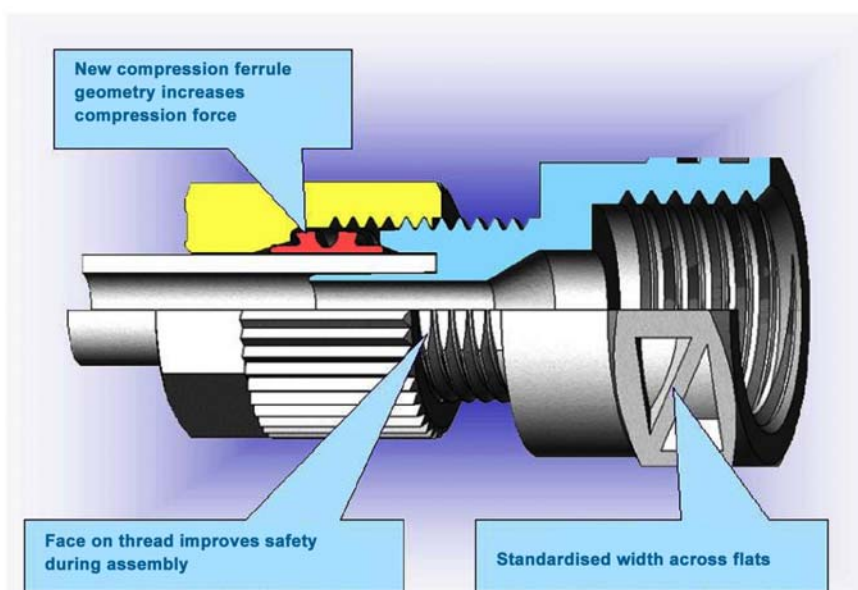
Details see [http://www.serto.ch/New plastic tube-unions](http://www.serto.ch/New_plastic_tube-unions)

More product, same price

Thanks to our efforts and despite the considerable investments, we are pleased to be able to supply you in future with improved products at no additional cost.

At a glance

- Polyamide and PVDF unions have been improved. This means:
 - that this product looks different.
 - that the quality is better.
 - that it has been issued a new material number.
 - that certain functional dimensions are smaller.
- The replacement will take place gradually and we will not take any inventory back.
- We will supply a new and improved product at the old price.





We hope that we these changes in our products and the expanded product range meet with your approval. If you have any questions regarding these modifications, feel free to contact us.