

# TW-Couplings, Tankwagen-Kupplung

We provide quick-disconnect TW-couplings for charge and discharge hoses attached to road tankers. They are produced in basically hot-stamped brass alloy, aluminum alloy and stainless steel materials.

TW-couplings are available as MK MKS VK VKS MB & VB in the range of DN50, DN80 & DN100. Screw-on fittings, or LNC couplings are usually offered in package which is used for rubber hose assemblies, together with the reuseable DIN clamping system as safety clamps.

The series are made according to basically German EN / DIN standards or tailored dimensions per specific demands for equipments. The interchangeability with those from high-profiled companies like 'Elaflex' is out of question.

## Definite EN 14420-6



100% interchangeable with high-profiled Flex-company Persistence in quality hikes as fully in compliance with DIN Standard

## Strategic Quality Hikes

TW-couplings are designed and manufactured in compliance with German standard DIN EN 14420-6.

The compliance of the Norm is of top priority as the couplings are commonly used to deal with flammable liquids. Leakage from "awkward" connections and "less-than-perfect" joints is likely to cause unmeasureable casualties.

Unfortunately the market witnesses a price-oriented quality slide which has been pushing the manufacturers' button to make sacrifice in terms of dimensional and material-involved correctness for survival.



In contrast SME has been making continuous efforts for the couplings to achieve full compliance with both the EN Norm and to be interchangeable with the well-recognised market names like 'Elaflex'.

We are in the faith that our strategic persistence on quality hike will pay off in the long run. Special cabriers are designed and tailer-made according to EN 14420-6 standard requirements. They are developed per all sizes 2" to 4", for female and male couplings, blind caps and dust plugs respectively.

Type test is carried out when torn-out mold is to be renewed; or at the time when improved structures are triggered.

Checks in-process of production are regulated in policy. So do we do double checks on delivery from either stock items or order pieces. Moreover we pay serious attention to the material compounds, especially of stainless steel or in norm codes 1.4408 and 1.4404. In-house examination is required on receipt of the bar stock from raw material vendors.

Random approval checks are constantly performed in labeling process, or during packaging prior to shipments.



## ECTFE Abrasive Coating

We are able to provide TW couplings MK VK MB VB with ECTFE powder coating (on page [XXX](#)).

ECTFE, Ethylene ChloroTriFluoroEthylene, provides excellent chemical resistance in heavy duty corrosion applications. The coating is made 0.6mm strong enough to be used in the transport of aggressive media and chemicals.

