

Tank truck couplings according to EN 14420-6

In Europe, the tank truck coupling is the most frequently used connection fitting in the industry and the eponymous area, the transport of liquid goods. The tank truck couplings are produced according to EN 14420-6. The system consists of the male part (VK), also referred to as cam and the two-part female part (MK), also referred to as sealing ring unit and clamping ring.


The fitting is available for the nominal widths 2", 3" and for 4" made of the materials stainless steel and brass. Apart from that, we offer the PTFE-lined variant, see page 74. The coupling distinguishes itself by the simple and safe handling.


According to EN 14420-6 DN 50 (2") and DN 80 (3") DN 100 (4") suitable for an operating pressure of 16 bar (PN 16)

Thread: G = ISO 228-1


Materials:

For the abbreviation, see Materials register

 One-part female coupling with DN 50 and DN 80 socket		
Order number	Material	Seal material
MKS 50 SS	SS	CSM
MKS 50 SSH	SS/H	CSM
MKS 80 SS	SS	CSM
MKS 80 SSH	SS/H	CSM

 Female coupling		
Order number	Material	Seal material
MK 50 SS	SS	PTFE/CSM
MK 50 SSH	SS/H	PTFE/CSM
MK 50 SSP	SS/P	FKM/CSM
MK 50 SSTE	SS/TE	PTFE/CSM
MK 50 MS	MS	PUR/NBR
MK 80 SS	SS	PTFE/CSM
MK 80 SSH	SS/H	PTFE/CSM
MK 80 SSP	SS/P	FKM/CSM
MK 80 SSTE	SS/TE	PTFE/CSM
MK 80 MS	MS	PUR/NBR

 Male coupling		
Order number	Material	Seal material
VK 50 SS	SS	PTFE
VK 50 SSH	SS/H	PTFE
VK 50 SSP	SS/P	FKM
VK 50 SSTE	SS/TE	PTFE
VK 50 MS	MS	VU
VK 80 SS	SS	PTFE
VK 80 SSH	SS/H	PTFE
VK 80 SSP	SS/P	FKM
VK 80 SSTE	SS/TE	PTFE
VK 80 MS	MS	VU

 One-part male coupling DN 50 and DN 80 with socket	
Order number	Material
VKS 50 SS	SS
VKS 50 SSH	SS/H
VKS 80 SS	SS
VKS 80 SSH	SS/H



Sealing ring unit

Order number	Material	Seal material
TWK 50 SS	SS	PTFE/CSM
TWK 50 SSH	SS/H	PTFE/CSM
TWK 50 SSP	SS/P	FKM/CSM
TWK 50 SSTE	SS/TE	PTFE/CSM
TWK 50 MS	MS	PUR/NBR
TWK 80 SS	SS	PTFE/CSM
TWK 80 SSH	SS/H	PTFE/CSM
TWK 80 SSP	SS/P	FKM/CSM
TWK 80 SSTE	SS/TE	PTFE/CSM
TWK 80 MS	MS	PUR/NBR




Clamping rings
DN 50 and DN 80

Order number	Material
TWS 50 SS	SS
TWS 50 MS	MS
TWS 80 SS	SS
TWS 80 MS	MS

Your notes


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Female coupling
with socket and safety collar DN 100 according to EN 14420-2

Order number	Material	Seal material
MKS 100 SS	SS	PTFE/HY
MKS 100 SSH	SS/H	PTFE/HY
MKS 100 MS	MS	VU/PE




Male coupling
with socket and safety collar DN 100 according to EN 14420-2

Order number	Material	Seal material
VKS 100 SS	SS	PTFE
VKS 100 SSH	SS/H	PTFE
VKS 100 MS	MS	VU




Female coupling

Order number	Material	Seal material
MK 100 SS	SS	PTFE/HY
MK 100 SSH	SS/H	PTFE/HY
MK 100 MS	MS	VU/PE



Male coupling

Order number	Material	Seal material
VK 100 SS	SS	PTFE
VK 100 SSH	SS/H	PTFE
VK 100 MS	MS	VU



Plug for female coupling

Order number	Materials	Seal material
VB 50 SS	SS	
VB 50 SSH	SS/H	
VB 50 SSP	SS/P	
VB 50 MS	MS	
VB 50 AL	AL	
VB 80 SS	SS	
VB 80 SSH	SS/H	
VB 80 SSP	SS/P	
VB 80 MS	MS	
VB 80 AL	AL	
VB 80 PA	PA	
VB 100 SS	SS	
VB 100 SSH	SS/H	
VB 100 AL	AL	
VB 100 PA	PA	



Caps for male couplings

Order number	Materials	Seal material
MB 50 SS	SS	CSM
MB 50 SSH	SS/H	CSM
MB 50 SSP	SS/P	FKM
MB 50 MS	MS	PUR
MB 50 AL	AL	NBR
MB 80 SS	SS	CSM
MB 80 SSH	SS/H	CSM
MB 80 SSP	SS/P	FKM
MB 80 MS	MS	PUR
MB 80 AL	AL	NBR
MB 100 SS	SS	CSM
MB 100 SSH	SS/H	CSM
MB 100 AL	AL	NBR

Your notes

