



aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
pneumatics  
process control  
sealing & shielding



# Tankwagen Couplings

TW



ENGINEERING YOUR SUCCESS.

## e – TW „Tankwagen“ couplings

### Working pressure

25 bar / 362 psi

### Working temperature

-30 °C (-22 °F) up to +120 °C (+248 °F)

Hose, coupling, assembly method and seal must be chosen in relation with the desired application and temperature range.

### Materials

- Brass CW1617N, forged
- Stainless steel AISI 316 / 1.4408, investment casting

### Features

- TW coupling dimensions are specified in the EN 14420-6 and the DIN 28450.
- All TW couplings manufactured in compliance with this standard are interchangeable.

### Threads

Female: EN ISO 228-1 (BSP)

## Smooth Hose Shank

Standard: Hose shank EN 14420-2 / DIN 2817  
 Material: Stainless Steel. Steel  
 For hose type: POLIAX, CARBURITE, CHEMIOEL EN 12115, PYTHON, VARIOPRESS  
 Assembly:

Safety Clamps	Worm Drive	Bolt clamps	Crimping
X			

**Female**  
with locking lever



### Stainless Steel (AISI 316 - 1.4408)

Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
MKSTRR050	50	2	1,09
MKSTRR080	75	3	2,21



### Brass

Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
MKST050	50	2	1,20
MKST080	75	3	2,37

**Male**



### Stainless Steel (AISI 316 - 1.4408)

Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
VKSTR050	50	2	0,78
VKSTR080	75	3	1,65



### Brass

Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
VKST050	50	2	0,76
VKST080	75	3	1,69

**Female Threaded**

**Female**  
with locking lever



**Stainless Steel (AISI 316 - 1.4408)**

Part-No.	Hose I.D. mm	Inch	Thread	Weight kg/pcs
MKRR050	50	2	G2	0,63
MKRR080	75	3	G3	1,30

**Brass**



Part-No.	Hose I.D. mm	Inch	Thread	Weight kg/pcs
MK050	50	2	G2	0,74
MK080	75	3	G3	1,46

**Male**  
with thread seal



**Stainless Steel (AISI 316 - 1.4408)**

Part-No.	Hose I.D. mm	Inch	Thread	Weight kg/pcs
VKR050	50	2	G2	0,32
VKR080	80	3	G3	0,74

**Brass**



Part-No.	Hose I.D. mm	Inch	Thread	Weight kg/pcs
VK050	50	2	G2	0,30
VK080	80	3	G3	0,78

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## Locking Ring with Lever

### Stainless Steel (AISI 316 - 1.4408)



Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
MKHR050	50	2	0,43
MKHR080	75	3	0,91

### Brass



Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
MKH050	50	2	0,51
MKH080	75	3	0,93

## Crown Part Female Threaded

### Stainless Steel (AISI 316 - 1.4408)



Part-No.	Hose I.D. mm	Inch	Thread	Weight kg/pcs
MKVR050	50	2	G2	0,20
MKVR080	75	3	G3	0,49

### Brass



Part-No.	Hose I.D. mm	Inch	Thread	Weight kg/pcs
MKV050	50	2	G2	0,23
MKV080	75	3	G3	0,55

## Dust Cap

### Stainless Steel (AISI 316 - 1.4408)



Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
MBR050	50	2	0,35
MBR080	75	3	0,81

### Brass



Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
MB050	50	2	0,37
MB080	75	3	0,88

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## Dust Plug

### Stainless Steel (AISI 316 - 1.4408)



Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
VBR050	50	2	0,30
VBR080	75	3	0,71

### Brass



Part-No.	Hose I.D. mm	Inch	Weight kg/pcs
VB050	50	2	0,36
VB080	75	3	0,89