



## MULTI/JOINT® 3000 Plus

The new benchmark for restraint wide range fittings

Georg Fischer Waga N.V.



- Successor of existing MULTI/JOINT® 3000
- Universal "Uni/Fikser®" for all pipe materials
- Improved end-load resistance up to 16 bar, up to incl. DN300 on all pipe materials
- Improved range DN225 → stepless range up to 310 mm
- Sizes DN200 up to incl. DN300 available in the 2<sup>nd</sup> half of 2007

# MULTI/JOINT® 3000 Plus

Key innovation of the new MULTI/JOINT® 3000 Plus is the development of a new Variofiks® ring. At the same time, the range of the DN225 has been increased.

## 1. Uni/Fikser®

With MULTI/JOINT® 3000 Plus, we have succeeded in combining the existing Multi/Fikser® and Poly/Fikser® into 1 new, revolutionary Uni/fikser®, suitable for all metal pipes, but also for all polyolefine pipes (PE), PVC, etc. This new, stainless steel Uni/Fikser® system ensures improved end-load resistance on all pipe materials up to 16 bar for all MULTI/JOINT® fittings up to and including DN300. Still, the Uni/Fiksers® can be removed on the spot to make a non-restraint connection when needed.



## 2. Progressive gripping / sealing

The former 1-part flekscore has been replaced by a 2-part topple-wedge construction.



Advantage of this system is that axial forces acting on the pipe, lead to an increased pressure of the Fikser and the gasket

on the pipe surface, resulting in higher end-load resistance of the fitting.

## 3. Improved range on DN225

The DN225 has an improved range of 230 mm – 268 mm, where in the past we had a gap of 257 mm – 267 mm. With this new range of the DN225, the ranges of MULTI/JOINT® 3000 Plus are now stepless all the way up to 310 mm.

## Specifications:

- Material body + clamp ring: ductile iron GGG45 [acc. EN-GJS-450-10]
- Coating: resicoat epoxy powder coating [RT9000 R4 red]
- Bolts and nuts: Stainless Steel A2, Teflon coated [nuts yellow passivated]
- Gasket: NBR for water and gas applications [acc. EN682], EPDM for water applications [acc. EN681-1]
- Maximum working pressure: 16 bar water, 8 bar gas
- Flange drilling up to DN150: PN16; DN200 and up: PN10 or PN16 [EN1092-2]

## Advantages:

- Improved end-load resistance on all pipe materials: - up to incl. DN225: 16 bar  
- DN250 + DN300: 10 bar with increased safety margin
- Improved sealing on rough pipe surfaces
- Improved end-load resistance on PE under frost conditions

## Customer benefits:

- Stock reduction thanks to 1 instead of 2 Fiksers®
- Increased safety margin with regard to maximum pressures



Local distributor

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